

DNAxPAb

Hard-to-Find  
Antibody

## KIR2DS5 DNAxPab

Catalog # H00003810-W01P      Size 200 ug

### Specification

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a partial-length human KIR2DS5 DNA using DNAx™ Immune technology. |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                |
| Immunogen               | Extracellular membrane domain (ECD) human DNA                                                               |
| Host                    | Rabbit                                                                                                      |
| Reactivity              | Human                                                                                                       |
| Purification            | Protein A                                                                                                   |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                     |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                           |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                    |

### Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

### Gene Info — KIR2DS5

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">3810</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">BC160061.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Accession#  | <a href="#">AAI60061.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name           | KIR2DS5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Alias          | CD158G, NKAT9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Description    | killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Omim ID             | <a href="#">604956</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | <p>Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules; thus, KIR proteins are thought to play an important role in regulation of the immune response. [provided by RefSeq]</p> |
| Other Designations  | natural killer cell inhibitory receptor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Pathway

- [Antigen processing and presentation](#)
- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Abortion](#)
- [Acute Disease](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)

- [Carcinoma](#)
- [Cytomegalovirus Infections](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Disease Progression](#)
- [Endometriosis](#)
- [Familial Mediterranean fever](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Hemorrhagic Fever](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Leprosy](#)
- [Leptospirosis](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Multiple Sclerosis](#)
- [Neuroblastoma](#)
- [Papilloma](#)

- [Papillomavirus Infections](#)
- [Paraparesis](#)
- [Postoperative Complications](#)
- [Psoriasis](#)
- [Recurrence](#)
- [Spondylarthropathies](#)
- [Spondylitis](#)
- [Syndrome](#)
- [Tumor Virus Infections](#)
- [Uveitis](#)
- [Uveomeningoencephalitic Syndrome](#)