

DNAxPAb

Hard-to-Find
Antibody

CD244 DNAxPab

Catalog # H00051744-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CD244 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLGQVVTLLLLLLKVYQGKGCQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQNGFHHIL KWENGSLPSNTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSISGKVQTATFQVFVFDKVEKPR LQQQGKILDRGRCQVALSCLVSRDGNVSYAWYRGSKLIQTAGNLTYLDEEVDINGHTHTYTCNVSNP VSWESHTLNLTQDCQNAHQEFWFVFLVIMLSALFLGTLACFCVWRRKRKEKQSETSPKEFLTYY EDVKDLKTRRNHEQEQTFFGGGSTIYSMIQSQSSAPTSQEPAYTLYSLIQPSRKSGSRKRNHSPSF NSTIYEVIGKSQPKAQNPARLSRKELENFDVYS
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 — CD244

Entrez GeneID [51744](#)

GeneBank Accession# [NM_016382.2](#)

Protein Accession# [NP_057466.1](#)

Gene Name CD244

Gene Alias 2B4, NAIL, NKR2B4, Nmrk, SLAMF4

Gene Description CD244 molecule, natural killer cell receptor 2B4

Omim ID [605554](#)

Gene Ontology [Hyperlink](#)

Gene Summary Natural killer (NK) cells express both activating and inhibitory cell surface receptors. Inhibitory signaling receptors all possess cytoplasmic immunoreceptor tyrosine-based inhibitory motifs, or ITIMs, whereas the activating receptors lack ITIMs and associate with DAP12 (TYROBP; MIM 604142), which contains an immunoreceptor tyrosine-based activation motif, or ITAM. Killer cell immunoglobulin (Ig)-like receptors, or KIRs (see KIR2DL1; MIM 604936), and other NK cell receptors interact with major histocompatibility complex (MHC) molecules (see MIM 142800). Members of the CD2 (MIM 186990) family adhere to each other instead. The cell surface glycoprotein 2B4 is related to CD2 and is implicated in the regulation of NK- and T-cell function (Boles et al., 1999 [PubMed 10 458320]).[supplied by OMIM]

Other Designations CD244 natural killer cell receptor 2B4|NK cell activation inducing ligand NAIL|OTTHUMP0000002 7884|natural killer cell receptor 2B4

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Arthritis](#)
- [Cell Transformation](#)
- [Genetic Predisposition to Disease](#)

- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)