

DNAxPAb

Hard-to-Find
Antibody

HLA-E DNAxPab

Catalog # H00003133-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human HLA-E DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
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 — HLA-E

Entrez GeneID	3133
GeneBank Accession#	AK098434.1
Protein Accession#	no protein_acc
Gene Name	HLA-E
Gene Alias	DKFZp686P19218, EA1.2, EA2.1, HLA-6.2, MHC, QA1
Gene Description	major histocompatibility complex, class I, E
Omim ID	143010
Gene Ontology	Hyperlink
Gene Summary	HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. [provided by RefSeq]
Other Designations	HLA class I histocompatibility antigen, E alpha chain MHC HLA-E alpha-1 MHC HLA-E alpha-2.1 MHC class I antigen OTTHUMP00000029214 lymphocyte antigen

Pathway

- [Allograft rejection](#)
- [Antigen processing and presentation](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Endocytosis](#)
- [Graft-versus-host disease](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Type I diabetes mellitus](#)

Disease

- [Abortion](#)
- [Acute Disease](#)
- [Anemia](#)
- [Bacterial Infections](#)
- [Behcet Syndrome](#)
- [Bone Marrow Diseases](#)
- [Carcinoma](#)
- [Chorioamnionitis](#)
- [Coronary Aneurysm](#)
- [Cytomegalovirus Infections](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [HIV Infections](#)
- [Lupus Erythematosus](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Spondylitis](#)