

Rabbit anti-Human CD158f1/2 Polyclonal Antibody | anti-CD158f1/2 antibody

CD158f1/2 Polyclonal Antibody

CATALOG # AAA173983	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

CD158f1/2; Polyclonal Antibody; CD158f1/2 Polyclonal Antibody; anti-CD158f1/2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	375
Applicable Applications for anti-CD158f1/2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD158f1/2 Polyclonal Antibody at dilution of 1:100.



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Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD158f1/2 Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-CD158f1/2 antibody	KIR2DL5A (Killer Cell Immunoglobulin Like Receptor, Two Ig Domains And Long Cytoplasmic Tail 5A) is a Protein Coding gene. Among its related pathways are Natural Killer Cell Receptors: Human Target Cell - NK Cell Ligand-Receptor Interactions and Allograft rejection.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. KIR2DL5B (Killer Cell Immunoglobulin Like Receptor, Two Ig Domains And Long Cytoplasmic Tail 5B) is a Protein Coding gene. Among its related pathways are Natural Killer Cell Receptors: Human Target Cell - NK Cell Ligand-Receptor Interactions.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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11968154
NCBI GeneID	57292
NCBI Accession #	NP_065396.1
NCBI GenBank Nucleotide #	NM_020535.3
UniProt Accession #	Q8N109; Q8NHK3
Molecular Weight	40,678 Da
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DL5A
NCBI Official Synonym Full Names	killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 5A
NCBI Official Symbol	KIR2DL5A
NCBI Official Synonym Symbols	CD158F; KIR2DL5; KIR2DL5.1; KIR2DL5.3
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DL5A
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DL5A
UniProt Gene Name	KIR2DL5A
UniProt Synonym Gene Names	CD158F; CD158F1; KIR2DL5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.