

Mouse anti-Human CD158f Monoclonal Antibody | anti-CD158f antibody

Anti-Hu CD158f APC

CATALOG # AAA129029	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD158f; Monoclonal Antibody; Anti-Hu CD158f APC; killer cell immunoglobulin like receptor; two Ig d; KIR2DL5A; anti-CD158f antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	UP-R1
Specificity	The mouse monoclonal antibody UP-R1 recognizes an extracellular epitope on CD158f (KIR2DL5), a 60 kDa glycoprotein serving as a HLA class I ligand, and mainly expressed on a subset of NK cells and a small population of T cells. Its expression is highly polymorphic between individuals.
Purity/Purification	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	375
Applicable Applications for anti-CD158f antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human CD158f-Ig fusion protein
Conjugation	APC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD158f antibody	CD158f, also known as KIR2DL5, is a polymorphic 60 kDa transmembrane glycoprotein with two Ig-like extracellular domains by which it recognize HLA class I molecules. Its long intracellular domain contains immunoreceptor tyrosine-based inhibitory motifs (ITIMs) that upon extracellular ligand-mediated phosphorylation serve as docking sites for inhibitory phosphatases, which results in blocking natural cytotoxicity as well as antibody-dependent cytotoxicity of the particular NK cell, and its adhesion toward target cells. Together with other killer inhibitory receptors CD158f is important for immunological tolerance to discriminate between normal and abnormal cells. Besides NK cells it is expressed on a small population of cytotoxic T cells. Expression of CD158f alleles is highly variable in the population.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74759760
NCBI GeneID	57292

UniProt Accession #	Q8N109
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd158f-antibody-clone-up-r1-flow-cytometry-elisa/129029>