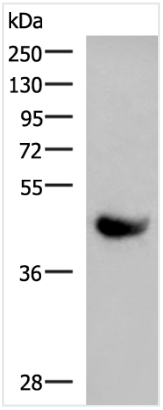
KIR2DL5A Antibody – Rabbit Polyclonal

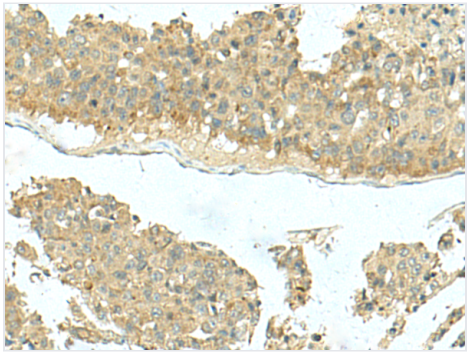
PRODUCT OVERVIEW

Product Name	KIR2DL5A, Polyclonal Antibody
Full Product Name	KIR2DL5A Polyclonal Antibody
Product Gene Name	anti-KIR2DL5A antibody
Product Synonym Names	CD158F; CD158f1; KI2LA; Killer cell immunoglobulin-like receptor 2DL5A; Killer cell immunoglobulin-like receptor KIR2DL5A; Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5; Killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A; Killer-cell Ig-like receptor; KIR2DL5; KIR2DL5.1; KIR2DL5.3; KIR2DL5A; KIR2DL5B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.2mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	41 kDa
OMIM	AL133414 Genomic DNA
3D Structure	ModBase 3D Structure for Q8N109
Immunogen	Synthetic peptide of human KIR2DL5A
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KIR2DL5A antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-KIR2DL5A antibody	WB: 1:1000-1:5000 IHC: 1:40-1:200 ELISA: 1:5000-1:10000
Related Product Information for anti-KIR2DL5A antibody	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.

Other Notes	Small volumes of anti-KIR2DL5A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for KIR2DL5A purchase	MBS2560073 is an antibody targeting KIR2DL5A. Also known as KIR2DL5A Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-KIR2DL5A antibody
Western blot analysis of Human plasma solution using KIR2DL5A Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry (IHC) of anti-KIR2DL5A antibody
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KIR2DL5A Polyclonal Antibody at dilution of 1:40(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIR2DL5A. It may not necessarily be applicable to this product.

NCBI GI #	74759760
NCBI GeneID	57292
NCBI Accession #	Q8N109.1
UniProt Primary Accession #	Q8N109
UniProt Related 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
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DL5A
UniProt Synonym Protein Names	CD_antigen: CD158f1
Protein Family	Killer cell immunoglobulin-like receptor
UniProt Gene Name	KIR2DL5A
UniProt Synonym Gene Names	CD158F; CD158F1; KIR2DL5
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DL5A
UniProt Comments for KIR2DL5A	Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the activity of NK cells thus preventing cell lysis.
Research Articles on KIR2DL5A	**1.** KIR 2DL5 was associated with decreased CMV infection and better platelets engraftment after hematopoietic stem cell transplantation from matched sibling

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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