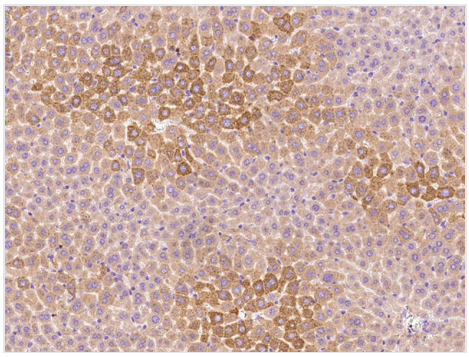
KIR3DL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KIR3DL1, Polyclonal Antibody
Full Product Name	Anti-KIR3DL1 Antibody, Rabbit Polyclonal
Product Gene Name	anti-KIR3DL1 antibody
Product Synonym Names	KIR3DL1 Antibody, Rabbit PAb, Antigen Affinity Purified; killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 1; Anti-Kirl1 Antibody; Anti-Kirl2 Antibody; Anti-Krl1 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Mouse KIR3DL1
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Molecular Weight	48,618 Da
3D Structure	ModBase 3D Structure for P83555
Immunogen	A synthetic peptide corresponding to the center region of the Mouse KIR3DL1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse KIR3DL1, and purified by antigen affinity chromatography.
Product Categories/Family for anti-KIR3DL1 antibody	ITIM/ITAM Immunoreceptors and Related Molecules
Applications Tested/Suitable for anti-KIR3DL1 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-KIR3DL1 antibody	IHC-P: 1:100-1:400
Related Product Information for anti-KIR3DL1 antibody	KIR3DL1 is a natural killer (NK) cell receptor that recognizes the Bw4 epitope of human leukocyte antigen (HLA) class I molecules. KIR3DL1 is a polymorphic inhibitory receptor that modulates NK cell activity through interacting with HLA-A and HLA-B alleles that carry the Bw4 epitope. Amino acid polymorphisms throughout KIR3DL1 impact receptor surface expression and affinity for HLA. Genetic studies suggest that KIR3DL1 variation has functional significance in several disease states, including HIV infection. KIR3DL1 is a highly polymorphic inhibitory killer cell Ig-like receptor (KIR) implicated in resistance to viral diseases such as AIDS. KIR3DL1 contains three Ig domains and is specific for MHC class I (MHC-I) molecules belonging to the HLA-Bw4 serogroup. The receptor's second and third Ig domains confer the Bw4 specificity.
Other Notes	Small volumes of anti-KIR3DL1 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 KIR3DL1 purchase	MBS8101633 is an antibody targeting KIR3DL1. Also known as Anti-KIR3DL1 Antibody, Rabbit Polyclonal. Reactive in Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-KIR3DL1 antibody
Immunochemical staining of mouse Kir3dl1 in mouse liver with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIR3DL1. It may not necessarily be applicable to this product.

NCBI GI #	37079273
NCBI GeneID	245616
NCBI Accession #	P83555.1
UniProt Primary Accession #	P83555
UniProt Related Accession #	P83555
NCBI Official Full Name	Killer cell immunoglobulin-like receptor 3DL1
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1
NCBI Official Symbol	Kir3dl1
NCBI Official Synonym Symbols	Krl1; Kirl1; Kirl2
UniProt Protein Name	Killer cell immunoglobulin-like receptor 3DL1
UniProt Synonym Protein Names	CD_antigen: CD158e
Protein Family	Killer cell immunoglobulin-like receptor
UniProt Gene Name	Kir3dl1
UniProt Entry Name	KI3L1_MOUSE
NCBI Protein Information	killer cell immunoglobulin-like receptor 3DL1; KIR-like receptor 1; killer immunoglobulin receptor-like protein 1; killer cell immunoglobulin-like receptor Kir3dl1
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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