

Rabbit anti-Human, Pig KIR2DL5B Polyclonal Antibody | anti-KIR2DL5B antibody

KIR2DL5B Antibody - C-terminal region

CATALOG # AAA201357	HOST Rabbit	REACTIVITY Human, Pig	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

KIR2DL5B; Polyclonal Antibody; KIR2DL5B Antibody - C-terminal region; anti-KIR2DL5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: DQ DPQEVTYAQL DHCVFTQTKI TSPSQRPKAP PTDTTMYMEL PNAKPRSL
Sequence Length	375
Applicable Applications for anti-KIR2DL5B antibody	WB (Western Blot)
Homology	Human: 100%; Pig: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human KIR2DL5B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-KIR2DL5B Antibody Titration: 1.0 ug/ml Positive Control: Fetal kidney



IP (Immunoprecipitation)

Sample Type : Lane 1: DYKDDDDK IP'd DYKDDDDK-KIR2DL4 transfected NK92 cells Lane 2: DYKDDDDK IP'd DYKDDDDK-KIR2DL5 transfected NK92 cells Primary Antibody Dilution : 1:500 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:10,000 Submitted by: Kerry S. Campbell, Institute for Cancer Research.

ADDITIONAL INFORMATION

Related Product Information for anti-KIR2DL5B antibody	This is a rabbit polyclonal antibody against KIR2DL5B. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-KIR2DL5B antibody	Polyclonal; Lymphocyte Signaling; Membrane Protein; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	66267727
NCBI GeneID	553128
NCBI Accession #	NP_001018091
NCBI GenBank Nucleotide #	NM_001018081
UniProt Accession #	Q8NHNK4; Q8NHNK3
Molecular Weight	38kDa
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DL5B
NCBI Official Synonym Full Names	killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 5B
NCBI Official Symbol	KIR2DL5B
NCBI Official Synonym Symbols	KIR2DL5; KIR2DLX; KIR2DL5.2
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DL5B

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.