Rabbit anti-Human KIR2DL3 Polyclonal Antibody | anti-KIR2DL3 antibody

KIR2DL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170381	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot**

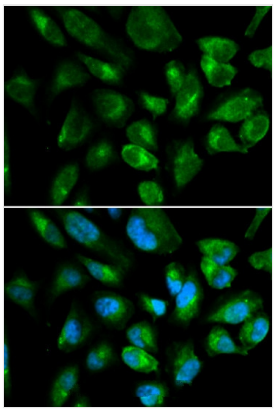
PRODUCT SYNONYMS

KIR2DL3; Polyclonal Antibody; KIR2DL3 Antibody; p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIRCL23; KIR-023GB; anti-KIR2DL3 antibody

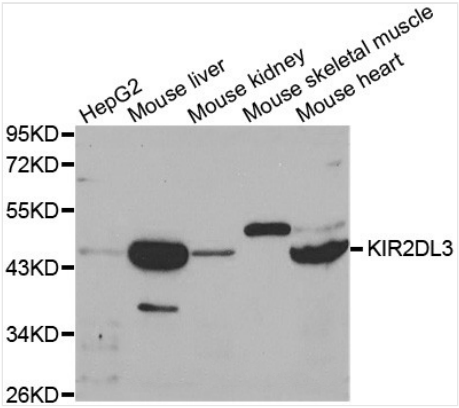
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	341
Applicable Applications for anti-KIR2DL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human KIR2DL3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HepG2 cell using KIR2DL3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using KIR2DL3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KIR2DL3 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. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	307141824
NCBI GeneID	3804
Molecular Weight	27,269 Da
NCBI Official Full Name	KIR2DL3
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3
NCBI Official Symbol	KIR2DL3
NCBI Official Synonym Symbols	p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIR2DS5; KIRCL23; KIR-023GB
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DL3; CD158 antigen-like family member B2; MHC class I NK cell receptor; NK-receptor; NKAT-2; killer Ig-like inhibitory receptor; killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5; killer inhibitory receptor cl 2-3; natural killer associated transcript 2; natural killer cell inhibitory receptor KIR2DL3; natural killer-associated transcript 2; p58 NK receptor CL-6; p58 natural killer cell receptor clone CL-6; p58.2 MHC class-I specific NK receptor; p58.2 MHC class-I-specific NK receptor
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DL3
UniProt Gene Name	**KIR2DL3**
UniProt Synonym Gene Names	CD158B2; KIRCL23; NKAT2; NKAT-2; p58 NK receptor CL-6
UniProt Entry Name	KI2L3_HUMAN

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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