Datasheet for ABIN3022411

anti-KIR2DL3 antibody (AA 22-245)

2 Images

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Overview

Quantity:	100 µL
Target:	KIR2DL3
Binding Specificity:	AA 22-245
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-245 of human KIR2DL3 (NP_056952.2).
Sequence:	HEGVHRKPSL LAHPGPLVKS EETVILQCWS DVRFQHFLLH REGKFKDTLH LIGEHHDGVS KANFSIGPMM QDLAGTYRCY GSVTHSPYQL SAPSDPLDIV ITGLYEKPSL SAQPGPTVLA GESVTLSCSS RSSYDMYHLS REGEAHERRF SAGPKVNGTF QADFPLGPAT HGGTYRCFGS FRDSPYEWSN SSDPLLVSVT GNPSNSWPSP TEPSSETGNP RHLH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KIR2DL3
Alternative Name:	KIR2DL3 (KIR2DL3 Products)
Background:	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.,KIR2DL3,CD158B2,CD158b,GL183,KIR-023GB,KIR-K7b,KIR-K7c,KIR2DS5,KIRCL23,NKAT,NKAT2,NKAT2A,NKAT2B,p58,Immunology & Inflammation,CD markers,KIR2DL3
Molecular Weight:	27 kDa/37 kDa
Gene ID:	3804
UniProt:	P43628
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

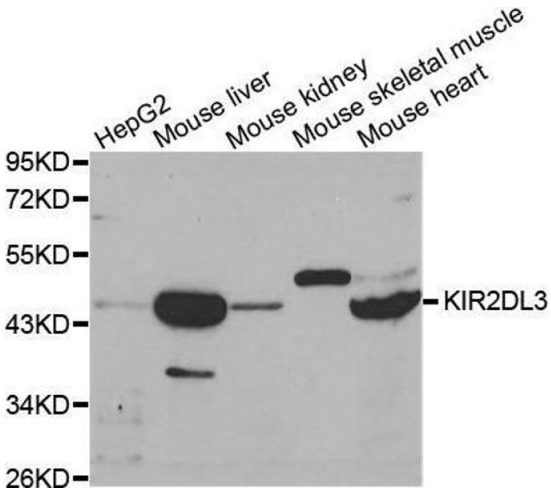
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

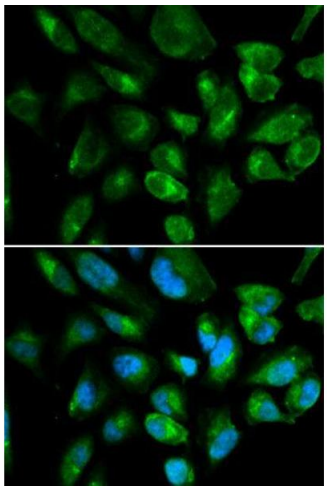
	should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KIR2DL3 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HepG2 cell using KIR2DL3 antibody. Blue: DAPI for nuclear staining.