Datasheet for ABIN6142888

anti-KIR3DL2 antibody (AA 361-455)

1 Image

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Overview

Quantity:	100 µL
Target:	KIR3DL2
Binding Specificity:	AA 361-455
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR3DL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 361-455 of human KIR3DL2 (NP_006728.2).
Sequence:	YRWCSNKKNA AVMDQEPAGD RTVNRQDSDE QDPQEVTYAQ LDHCVFIQRK ISRPSQRPKT PLTDTSVYTE LPNAEPRSKV VSCPRAPQSG LEGVF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KIR3DL2

Target Details

Alternative Name:	KIR3DL2 (KIR3DL2 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. This gene is one of the 'framework' loci that is present on all haplotypes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.,KIR3DL2,3DL2,CD158K,KIR-3DL2,NKAT-4,NKAT4,NKAT4B,p140,Immunology & Inflammation,CD markers,Cell Intrinsic Innate Immunity Signaling Pathway,KIR3DL2
Molecular Weight:	48 kDa/50 kDa
Gene ID:	3812
UniProt:	P43630

Application Details

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

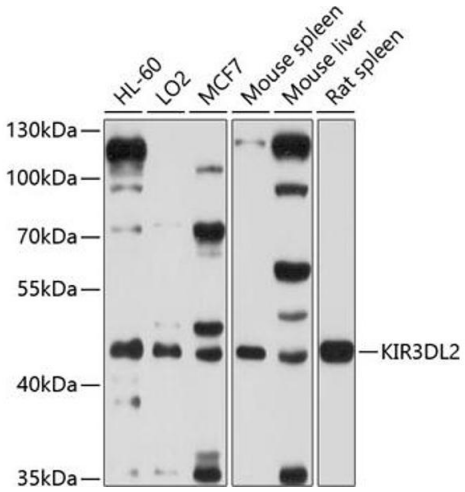
Handling

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 should be handled by trained staff only.
Storage:	-20 °C

Handling

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 KIR3DL2 antibody (ABIN6131968, ABIN6142888, ABIN6142889 and ABIN6214251) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.