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Datasheet for ABIN7256390 anti-KIR2DL4/CD158d antibody

Image



Overview

Quantity:	200 µL
Target:	KIR2DL4/CD158d (KIR2DL4)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DL4/CD158d antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein of human KIR2DL4 (NP_002246.5).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Target Details	
Target:	KIR2DL4/CD158d (KIR2DL4)
Alternative Name:	KIR2DL4 (KIR2DL4 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,

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	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.
	Alternate alleles of this gene are represented on multiple alternate reference loci
	(ALT_REF_LOCs). Alternative splicing results in multiple transcript variants, some of which may
	not be annotated on the primary reference assembly.
Molecular Weight:	Observed_MW: 39 kDa/41 kDa
	Calculated_MW: 24 kDa/33 kDa/35 kDa/37 kDa/39 kDa/41 kDa
Gene ID:	3805
UniProt:	Q99706

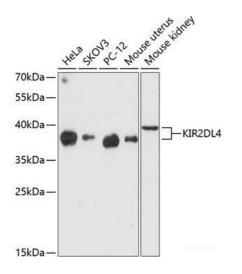
Application Details

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

Handling

Format:	Liquid
Concentration:	1 mg/mL
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using KIR2DL4 Polyclonal Antibody at dilution of 1:3000.

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