Datasheet for ABIN121182

anti-KIR2DL1 antibody (AA 23-223)

1 Image

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Overview

Quantity:	0.1 mL
Target:	KIR2DL1
Binding Specificity:	AA 23-223
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR2DL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human KIR2DL1 (23-223 aa) purified from E. coli
Clone:	2F9
Isotype:	IgG2a
Specificity:	This antibody recognizes human KIR2DL1. Other species not tested. Cross reactivity: KIR2DL1: +++ KIR2DL3: + KIR2DS4: + KIR2DL4: -
Purification:	Protein-G affinity chromatography

Target Details

Target:	KIR2DL1
Alternative Name:	CD158a / KIR2DL1 (KIR2DL1 Products)

Target Details

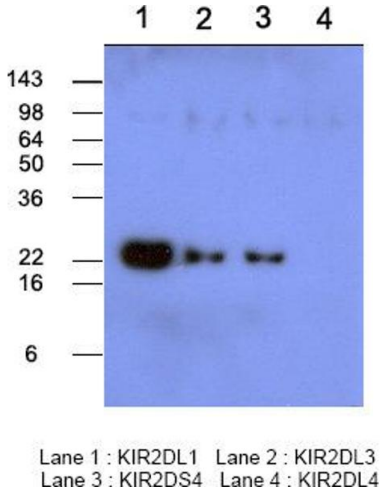
Background:	The KIR family consists of transmembrane glycoproteins of the Ig superfamily expressed on human NK cells and a subset of human T cells which they are involved in recognition of either MHC class I molecules or unknown ligand on target cells and inhibit cytotoxic activities.Synonyms: 1MHC class I NK cell receptor, CD158 antigen-like family member A, Killer cell immunoglobulin-like receptor 2DL, NKAT1, Natural killer-associated transcript 1, p58 natural killer cell receptor clones CL-42/47.11, p58.1 MHC class-I-specific NK receptor
UniProt:	P43626

Application Details

Application Notes:	ELISA. Immunoprecipitation. Western blot (1:500). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % sodium azide
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:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf Life: one year from despatch.
Expiry Date:	12 months



Lane 1 : KIR2DL1 Lane 2 : KIR2DL3
Lane 3 : KIR2DS4 Lane 4 : KIR2DL4

Western Blotting

Image 1. Western blot analysis Recombinant human protein KIR2DL1, KIR2DL3, KIR2DS4 and KIR2DL4 (each 50ng per well) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human KIR2DL1 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

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