Datasheet for ABIN532938

anti-KIR2DL1 antibody (AA 23-223)

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Overview

Quantity:	100 µL
Target:	KIR2DL1
Binding Specificity:	AA 23-223
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR2DL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant KIR2DL1.
Immunogen:	Recombinant protein corresponding to amino acids 23-223 of human KIR2DL1.
Clone:	2F9
Isotype:	IgG2a
Cross-Reactivity:	Human

Target Details

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

Target Details

Gene ID:	3802
NCBI Accession:	NM_014218

Application Details

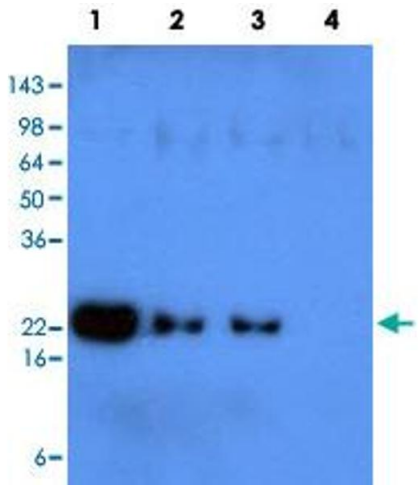
Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS, pH 7.4 (10 % glycerol, 0.02 % 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:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Fan, Long, Wiley: "Crystal structure of the human natural killer cell inhibitory receptor KIR2DL1-HLA-Cw4 complex." in: **Nature immunology**, Vol. 2, Issue 5, pp. 452-60, (2001) (PubMed). Shin, Shin, Kim, Choi, Park, Kim: "Monoclonal antibodies with various reactivity to p58 killer inhibitory receptors." in: **Hybridoma**, Vol. 18, Issue 6, pp. 521-7, (2000) (PubMed).



Western Blotting

Image 1. Western blot analysis of recombinant human protein KIR2DL1 (Lane 1), KIR2DL3 (Lane 2), KIR2DS4 (Lane 3) and KIR2DL4 (Lane 4) (each 50 ng per well) were resolved by SDS - PAGE, transferred to PVDF membrane and probed with KIR2DL1 monoclonal antibody , clone 2F9 (1 : 500) . Proteins were visualized using a goat anti - mouse secondary antibody conjugated to HRP and an ECL detection system.