Datasheet for ABIN888792

anti-KIR3DL1 antibody (AA 250-300) (AbBy Fluor® 488)

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Overview

Quantity:	100 µL
Target:	KIR3DL1
Binding Specificity:	AA 250-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR3DL1 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD158e
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	KIR3DL1
Alternative Name:	CD158e (KIR3DL1 Products)
Background:	Synonyms: KIR3DL1, Killer cell immunoglobulin-like receptor 3DL1, AMB11, CD158 antigen-like

Target Details

	family member E, CD158E, CD158e antigen, CD158E1, CD158E1/2, CD158E2, CL11, CL2, HLA-BW4-specic inhibitory NK cell receptor, killer cell immunoglobulin like receptor, Killer cell immunoglobulin like receptor three domains , short cytoplasmic tail, 1, Killer cell immunoglobulin like receptor three domains long cytoplasmic tail 1, KIR, KIR antigen 3DL1, KIR G1, KIR3DS1, Kirl1, Kirl2, Krl1, MGC119726, MGC119728, MGC126589, MGC126591, MHC class I NK cell receptor, Natural killer associated transcript 3, Natural killer cell inhibitory receptor, NK receptor, NK-associated transcript 10, NK-associated transcript 3, NK-associated transcript 3delIg1, NKAT10, NKAT3, NKB1, NKB1B, p70 killer cell inhibitory receptor, p70 natural killer cell receptor clones CL 2/CL 11, KI3L1_MOUSE. Background: KIR3DL1 (NKB1, CD158e1) is expressed on a subset of natural killer cells and T cells. NKB1 is a 70 kD member of the immunoglobulin superfamily that is expressed at varying levels among individuals. NKB1 is a type I membrane protein containing two immunoglobulin C2 type domains. The interaction of NKB1 with specific HLA B antigens on a target cell (the HLA Bw4 allele, for example) inhibits cytotoxicity and prevents target cell lysis and death. The interactions between KIR and MHC class I are thought to be important in NK and T cell regulation following antigen stimulation. The absence of ligands for KIRs may lower the threshold for activation through activating receptors and increase inflammation and susceptibility to autoimmune disease.
UniProt:	P83555

Application Details

Application Notes:	IF(IHC-P)(1:50-200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months