Datasheet for ABIN740025

anti-KIR3DL1 antibody (AA 251-350)

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1 Image

Overview

Quantity:	100 µL
Target:	KIR3DL1
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR3DL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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)

Target Details

Background:	Synonyms: KIR3DL1, Killer cell immunoglobulin-like receptor 3DL1, AMB11, CD158 antigen-like 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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

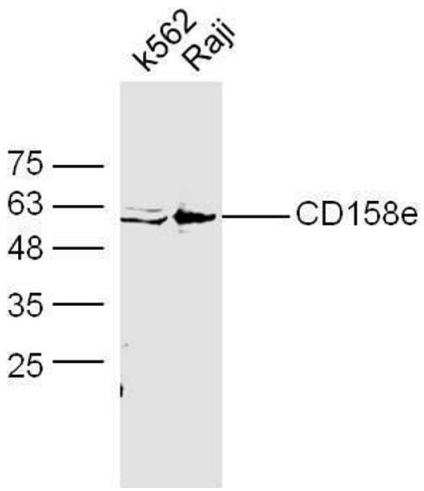
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Raji cell lysates probed with Anti-CD158e Polyclonal Antibody, Unconjugated at 1:5000 90min in 37˚C.