

KIR3DS1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP8673b

Product Information

Application	WB, FC, E
Primary Accession	Q14943
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21884
Calculated MW	42475
Antigen Region	361-387

Additional Information

Gene ID	3813
Other Names	Killer cell immunoglobulin-like receptor 3DS1, MHC class I NK cell receptor, Natural killer-associated transcript 10, NKAT-10, KIR3DS1, NKAT10
Target/Specificity	This KIR3DS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 361-387 amino acids from the C-terminal region of human KIR3DS1.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KIR3DS1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KIR3DS1 (HGNC:6340)
Synonyms	NKAT10
Function	Receptor on natural killer (NK) cells for MHC class I molecules. Upon interaction with peptide-free HLA-F open conformer, triggers NK cell

degranulation and anti-viral cytokine production.

Cellular Location

Cell membrane; Single-pass type I membrane protein

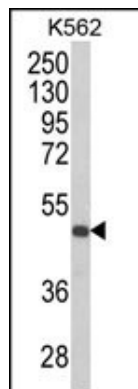
Tissue Location

Expressed in NK and T-cell lines but not in B- lymphoblastoid cell lines or in a colon carcinoma cell line

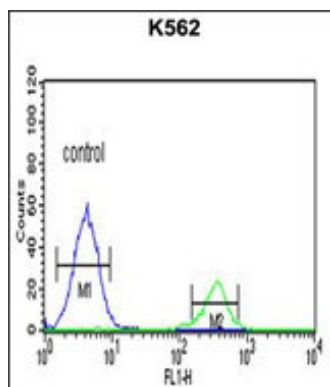
Background

KIR3DS1 is the receptor on natural killer (NK) cells for HLA-C alleles. It does not inhibit the activity of NK cells.

Images



Western blot analysis of KIR3DS1 Antibody (C-term) (Cat. #AP8673b) in K562 cell line lysates (35ug/lane). KIR3DS1 (arrow) was detected using the purified Pab.



KIR3DS1 Antibody (C-term) (Cat. #AP8673b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.