

Datasheet for ABIN2789655
anti-KIR2DS2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	KIR2DS2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ETVILQCWSD VRFEHFLHR EGKYKDTLHL IGEHHDGVSK ANFSIGPMMQ
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against KIR2DS2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	KIR2DS2
Alternative Name:	KIR2DS2 (KIR2DS2 Products)
Background:	Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly

Target Details

homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules, thus, KIR proteins are thought to play an important role in regulation of the immune response.

Alias Symbols: CU464060.1, 183Actl, CD158J, CD158b, NKAT5, cl-49

Protein Interaction Partner: TYROBP, HLA-C, KIR2DS2,

Protein Size: 304

Molecular Weight: 32 kDa

Gene ID: 100132285

NCBI Accession: [NM_012312](#), [NP_036444](#)

UniProt: [D0UWM7](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 304 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Rabbit Anti-KIR2DS2 Antibody

Catalog Number: ARP63891

Lot Number: QC34731

Lane: A549 Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.