

Datasheet for ABIN6992145
anti-KIR2DS2 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	KIR2DS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR2DS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	KIR2DS2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human KIR2DS2. The immunogen is located within the last 50 amino acids of KIR2DS2.
Isotype:	IgG
Specificity:	KIR2DS2 antibody is human specific. Multiple isoforms are known to exist.
Purification:	KIR2DS2 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	KIR2DS2
Alternative Name:	KIR2DS2 (KIR2DS2 Products)
Background:	Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by

Target Details

natural killer cells and subsets of T cells (1). The KIR proteins are classified by the number of extracellular immunoglobulin domains and by whether they have a long (L) or short (S) cytoplasmic domain (2,3). KIR proteins are thought to play an important role in regulation of the immune response (3). KIR2DS2 downregulates the cytotoxicity of NK cells upon recognition of specific class I major histocompatibility complex (MHC) molecules on target cells and is a receptor on natural killer (NK) cells for HLA-C alleles (3,4).

Molecular Weight: Predicted: 28, 33, 37 kDa
Observed: 34, 42 kDa

Gene ID: 100132285

NCBI Accession: [NP_036444](#)

UniProt: [P43631](#)

Application Details

Application Notes: KIR2DS2 antibody can be used for detection of KIR2DS2 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KIR2DS2 antibody is supplied in PBS containing 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, 4 °C

Storage Comment: KIR2DS2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.