

For Research Use Only

KIR2DS4 Polyclonal antibody

Catalog Number: 21152-1-AP



Basic Information

Catalog Number:

21152-1-AP

Size:

533 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15711

GenBank Accession Number:

BC096694

GeneID (NCBI):

3809

UNIPROT ID:

P43632

Full Name:

killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4

Calculated MW:

304 aa, 34 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

human

Positive Controls:

WB: HL-60 cells, Jurkat cells

IF: HepG2 cells,

Background Information

KIR2DS4 (also known as CD158i) is a member of the killer cell immunoglobulin-like receptor (KIR) family. KIRs are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. KIRs are mainly involved in inhibiting NK killing (inhibitory KIRs) via interaction with MHC class I molecules. KIR2DS4 has been reported to be an activating KIR and recognize the HLA-Cw4 protein.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

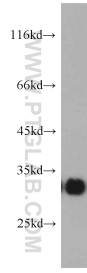
T: 4006900926

E: Proteintech-CN@ptglab.com

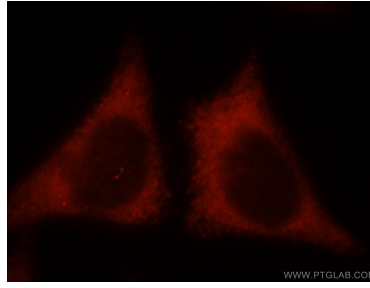
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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 21152-1-AP (KIR2DS4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using KIR2DS4 antibody 21152-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).