

For Research Use Only

KIR3DL1 Polyclonal antibody

Catalog Number: 13335-1-AP

1 Publications



Basic Information

Catalog Number:

13335-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4152

GenBank Accession Number:

BC028206

GeneID (NCBI):

3811

UNIPROT ID:

P43629

Full Name:

killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1

Calculated MW:

444 aa, 49 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human liver tissue,

Background Information

Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. 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. KIR3DL1 is a receptor on natural killer (NK) cells for HLA Bw4 allele. It inhibits the activity of NK cells thus preventing cell lysis. KIR3DL1 and KIR3DS1 are highly homologous. This antibody is raised against 22-344 amino acids of human KIR3DL1 and recognizes both KIR3DL1 (49 kDa) and KIR3DS1 (43 kDa).

Notable Publications

Author	Pubmed ID	Journal	Application
Akihiro Doi	30421793	Clin Exp Immunol	

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

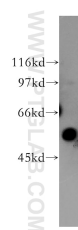
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 13335-1-AP (KIR3DL1/CD158E antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.