

For Research Use Only

KIR3DL1/CD158E Polyclonal antibody

Catalog Number: 13335-1-AP

1 Publications



Basic Information

Catalog Number:

13335-1-AP

Concentration:

600 ug/ml

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:

50 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 peripheral blood leukocytes,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

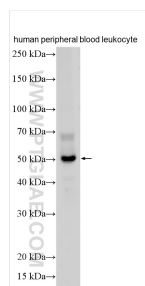
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



human peripheral blood leukocytes 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.