

KIR2DS4/CD158i Rabbit pAb

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Catalog # AP52208

Product Information

Application	WB
Primary Accession	P43632
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33583
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CD158i
Epitope Specificity	221-290/290
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The KIR family consists of transmembrane glycoproteins of the Ig superfamily expressed on human NK cells and a subset of human T cells. They are involved in recognition of either MHC class I molecules or unknown ligand on target cells and inhibit cytotoxic activities. KIR2DS4 is an activating receptor of KIR family. KIR2DS4 is a receptor on natural killer (NK) cells for HLA C alleles. It does not inhibit the activity of NK cells.

Additional Information

Gene ID	3809
Other Names	Killer cell immunoglobulin-like receptor 2DS4, CD158 antigen-like family member I, Natural killer-associated transcript 8, NKAT-8, P58 natural killer cell receptor clones CL-39/CL-17, p58 NK receptor CL-39/CL-17, CD158i, KIR2DS4 {ECO:0000303 PubMed:24018270, ECO:0000312 HGNC:HGNC:6336}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KIR2DS4 {ECO:0000303 PubMed:24018270, ECO:0000312 HGNC:HGNC:6336}
Function	Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein

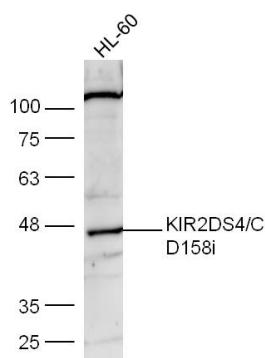
Background

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References

Wagtmann N.,et al.Immunity 2:439-449(1995).
Doehring C.,et al.Immunogenetics 44:227-230(1996).
Bottino C.,et al.Eur. J. Immunol. 26:1816-1824(1996).
Artavanis-Tsakonas K.,et al.J. Immunol. 171:5396-5405(2003).
Chan H.W.,et al.Submitted (MAY-1997) to the EMBL/GenBank/DDBJ databases.

Images



Sample:
HL-60 Cell (Human) Lysate at 30 ug
Primary: Anti-KIR2DS4'CD158i (AP52208) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 48 kD

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