

LILRB3/CD85a Rabbit pAb

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Catalog # AP58049

Product Information

Primary Accession	O75022
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69386
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LILRB3
Epitope Specificity	51-150/631
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	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	This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Additional Information

Other Names	Leukocyte immunoglobulin-like receptor subfamily B member 3, LIR-3, Leukocyte immunoglobulin-like receptor 3, CD85 antigen-like family member A, Immunoglobulin-like transcript 5, ILT-5, Monocyte inhibitory receptor HL9, CD85a, LILRB3, ILT5, LIR3
Dilution	Flow-Cyt=1 µg /test
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.

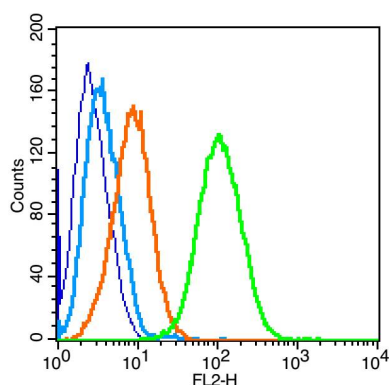
Protein Information

Name	LILRB3
Synonyms	ILT5, LIR3
Function	May act as receptor for class I MHC antigens. Becomes activated upon coligation of LILRB3 and immune receptors, such as FCGR2B and the B-cell receptor. Down-regulates antigen-induced B-cell activation by recruiting phosphatases to its immunoreceptor tyrosine- based inhibitor motifs (ITIM).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Detected in monocytes and B-cells.

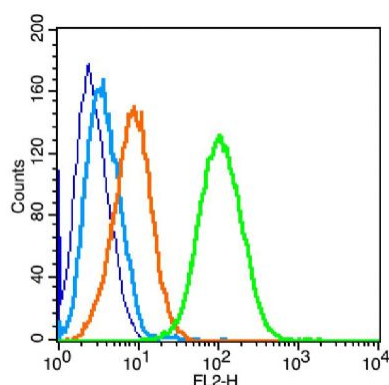
Background

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Images



Blank control(blue):Raji(fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-CD85a antibody(AP58049), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.



Blank control(blue):Raji(fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-CD85a antibody(AP58049), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

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