10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LILRA5/CD85f Rabbit pAb

Catalog # AP97645

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	A6NI73
Other Accession	A6NI73
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32755
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LILRA5/CD85f
Epitope Specificity	121-220/299
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	353514
Other Names	CD85; CD85F; ILT-11; ILT11; LILRB7; LIR-9; LIR9; LIRA5_HUMAN; LILRA5; CD85 antigen-like family member F; Immunoglobulin-like transcript 11 (ILT-11); Leukocyte immunoglobulin-like receptor 9 (LIR-9); leukocyte immunoglobulin like receptor A5; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5; leucocyte Ig-like receptor A5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	LILRA5
Synonyms	ILT11, LILRB7, LIR9
Function	May play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed mostly in tissues of the hematopoietic system, including bone marrow, spleen, lymph node and peripheral leukocytes. Among leukocytes, monocytes and neutrophils express the highest level. Expressed in CD14+ monocytes, but not in T-cells, B- cells or natural killer (NK) cells (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.