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LILRA3/CD85e Rabbit pAb

Catalog # AP97644

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8N6C8
Other Accession	Q8N6C8
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47472
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LILRA3/CD85e
Epitope Specificity	311-400/439
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 4 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	This gene encodes a member of a family of immunoreceptors that are expressed predominantly in monocytes and B cells, and at lower levels in dendritic cells and natural killer cells. The encoded protein lacks the transmembrane region found in other members of this family. It acts as a soluble receptor for class I major histocompatibility complex (MHC) antigens. Alternatively spliced transcript variants encoding different isoforms have been found. This gene is located in a cluster of related genes on chromosome 19 and is polymorphic in human populations, with many individuals containing a deletion of this genomic region. [provided by RefSeq, Mar 2014] Annotation informationAnnotation category: only annotated on alternate loci in reference assembly

Additional Information

Gene ID	11026
Other Names	CD85E; HM31; HM43; ILT-6; ILT6; LIR-4; LIR4; LIRA3_HUMAN; LILRA3; CD85 antigen-like family member E; Immunoglobulin-like transcript 6 (ILT-6); Leukocyte immunoglobulin-like receptor 4 (LIR-4); Monocyte inhibitory receptor HM43/HM31; leukocyte immunoglobulin like receptor A3; leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3; leucocyte Ig-like receptor A3
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	LILRA3
Synonyms	ILT6, LIR4
Function	Acts as a soluble receptor for class I MHC antigens. Binds both classical and non-classical HLA class I molecules but with reduced affinities compared to LILRB1 or LILRB2. Binds with high affinity to the surface of monocytes, leading to abolish LPS-induced TNF production by monocytes.
Cellular Location	Secreted.
Tissue Location	Detected in B-cells, and at lower levels in natural killer (NK) cells. Detected in peripheral blood monocytes and lung

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