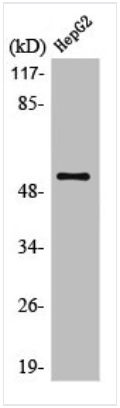
LILRA2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LILRA2, Polyclonal Antibody
Full Product Name	LILRA2 Antibody
Product Gene Name	anti-LILRA2 antibody
Product Synonym Names	LILRA2; ILT1; LIR7; Leukocyte immunoglobulin-like receptor subfamily A member 2; CD85 antigen-like family member H; Immunoglobulin-like Transcript 1; ILT-1; Leukocyte immunoglobulin-like receptor 7; LIR-7; CD antigen CD85h
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	52,992 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (55085257..55099027). Location: 19q13.4
OMIM	604812
3D Structure	ModBase 3D Structure for Q8N149
Immunogen	Synthesized peptide derived from the Internal region of human LIR-7.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-LILRA2 antibody	Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LILRA2 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-LILRA2 antibody	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:40000
Related Product Information for anti-LILRA2 antibody	MBS7116555 is an antibody targeting LILRA2. Also known as LILRA2 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-LILRA2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-LILRA2 antibody
Western Blot analysis of HepG2 cells using LIR-7 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LILRA2. It may not necessarily be applicable to this product.

NCBI GI #	195972797
NCBI GeneID	11027
NCBI Accession #	NP_001124389.1
UniProt Primary Accession #	Q8N149
UniProt Secondary Accession #	O75020
UniProt Related Accession #	Q8N149
GenBank Nucleotide #	NM_001130917.1
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily A member 2 isoform a
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2
NCBI Official Symbol	LILRA2
NCBI Official Synonym Symbols	ILT1; LIR7; CD85H; LIR-7
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily A member 2
UniProt Synonym Protein Names	CD85 antigen-like family member H; Immunoglobulin-like transcript 1; ILT-1; Leukocyte immunoglobulin-like receptor 7
Protein Family	Leukocyte immunoglobulin-like receptor subfamily
UniProt Gene Name	LILRA2
UniProt Synonym Gene Names	ILT1; LIR7; ILT-1; LIR-7
UniProt Entry Name	LIRA2_HUMAN
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily A member 2; ILT-1; immunoglobulin-like transcript 1; CD85 antigen-like family member H; leukocyte immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily A member 2 soluble
NCBI Summary for LILRA2	This gene encodes a member of the leukocyte Ig-like receptor (LIR) family of immunoreceptors that are expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. The LIR family comprises of activating (subfamily A) and inhibitory (subfamily B) cell-surface receptors. The LIR encoded by this gene was shown to be an activating receptor for eosinophils that elicited the release of cytotoxic granule proteins, de novo lipid mediator generation, and cytokine release through vesicular transport. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

UniProt Comments for LILRA2	LILRA2: Does not bind class I MHC antigens. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 19q13.4 Cellular Component: integral to membrane; extracellular region Molecular Function: receptor activity; antigen binding Biological Process: immune system process; defense response; signal transduction
Research Articles on LILRA2	**1.** LILRA2-mediated activation of monocytes is significantly different to LPS and that LILRA2 selectively modulates LPS-mediated monocyte activation and FcgammaRI-dependent phagocytosis.
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