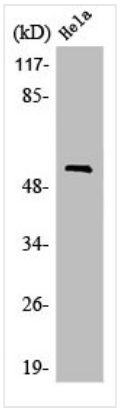
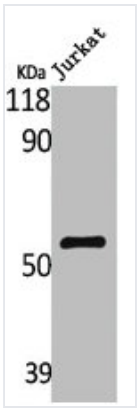
LILRA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LILRA1, Polyclonal Antibody
Full Product Name	LILRA1 Antibody
Product Gene Name	anti-LILRA1 antibody
Product Synonym Names	LILRA1; LIR6; Leukocyte immunoglobulin-like receptor subfamily A member 1; CD85 antigen-like family member I; Leukocyte immunoglobulin-like receptor 6; LIR-6; CD antigen CD85i
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	53,275 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (55105041..55113687). Location: 19q13.4
OMIM	604810
3D Structure	ModBase 3D Structure for O75019
Immunogen	Synthesized peptide derived from the Internal region of human LIR-6.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-LILRA1 antibody	Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LILRA1 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-LILRA1 antibody	WB: 1:500-1:2000 IF: 1:200-1:1000 ELISA: 1:20000
Related Product Information for anti-LILRA1 antibody	MBS7122144 is an antibody targeting LILRA1. Also known as LILRA1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-LILRA1 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-LILRA1 antibody
Western Blot analysis of MCF7 cells using LIR-6 Polyclonal Antibody



Western Blot (WB) of anti-LILRA1 antibody
Western Blot analysis of Jurkat cells using LIR-6 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LILRA1. It may not necessarily be applicable to this product.

NCBI GI #	5803066
NCBI GeneID	11024
NCBI Accession #	NP_006854.1
UniProt Primary Accession #	O75019
UniProt Secondary Accession #	O75018; Q3MJA6
UniProt Related Accession #	O75019
GenBank Nucleotide #	NM_006863.3
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily A member 1 isoform 1
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1
NCBI Official Symbol	LILRA1
NCBI Official Synonym Symbols	LIR6; CD85I; LIR-6
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily A member 1
UniProt Synonym Protein Names	CD85 antigen-like family member I; Leukocyte immunoglobulin-like receptor 6
Protein Family	Leukocyte immunoglobulin-like receptor subfamily
UniProt Gene Name	LILRA1
UniProt Synonym Gene Names	LIR6; LIR-6
UniProt Entry Name	LIRA1_HUMAN
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily A member 1; CD85 antigen-like family member I; leukocyte immunoglobulin-like receptor 6
NCBI Summary for LILRA1	This gene encodes an activating member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein is predominantly expressed in B cells, interacts with major histocompatibility complex class I ligands, and contributes to the regulation of immune responses. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]

UniProt Comments for LILRA1	LILRA1: May act as receptor for class I MHC antigens. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 19q13.4 Cellular Component: integral to membrane; plasma membrane Molecular Function: transmembrane receptor activity; antigen binding Biological Process: regulation of immune response; cell surface receptor linked signal transduction; immune system process; defense response
Research Articles on LILRA1	**1.** Observational study of gene-disease association. (HuGE Navigator)
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