LILRB2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LILRB2, Polyclonal Antibody
Full Product Name	LILRB2 Conjugated Antibody
Product Gene Name	anti-LILRB2 antibody
Product Synonym Names	ILT4; LIR2; CD85D; LIR-2; MIR10; LILRA6; MIR-10
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total LILRB2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	51,959 Da
OMIM	604815
3D Structure	ModBase 3D Structure for Q8N423
Immunogen	Fusion protein corresponding to a region derived from internal residues of human leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-LILRB2 antibody	Most Applications
Application Notes for anti-LILRB2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-LILRB2 antibody	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.
Other Notes	Small volumes of anti-LILRB2 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.

Searchable Terms for LILRB2 purchase	MBS9446254 is an antibody targeting LILRB2. Also known as LILRB2 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LILRB2. It may not necessarily be applicable to this product.

NCBI GI #	22477307
NCBI GeneID	10288
NCBI Accession #	BC036827
UniProt Primary Accession #	Q8N423
UniProt Secondary Accession #	O75017; Q8NHJ7; Q8NHJ8; A8MU67; C9JF29
UniProt Related Accession #	Q8N423
NCBI Official Full Name	Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2, mRNA
NCBI Official Synonym Full Names	leukocyte immunoglobulin like receptor B2
NCBI Official Symbol	LILRB2
NCBI Official Synonym Symbols	ILT4; LIR2; CD85D; ILT-4; LIR-2; MIR10; MIR-10
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 2
UniProt Synonym Protein Names	CD85 antigen-like family member D; Immunoglobulin-like transcript 4; ILT-4; Monocyte/macrophage immunoglobulin-like receptor 10
Protein Family	Leukocyte immunoglobulin-like receptor subfamily
UniProt Gene Name	LILRB2
UniProt Synonym Gene Names	ILT4; LIR2; MIR10; LIR-2; Leukocyte immunoglobulin-like receptor 2; ILT-4; MIR-10
UniProt Entry Name	LIRB2_HUMAN
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 2
Research Articles on LILRB2	**1.** Data indicate Ig-like transcript 4 (ILT4) as a cellular receptor for complement split products (CSPs) complement component 4d (C4d).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/lilrb2/9446254