

Mouse anti-Human LACTB Monoclonal Antibody | anti-LACTB antibody

LACTB Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62380	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

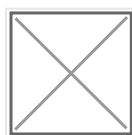
PRODUCT SYNONYMS

LACTB; Monoclonal Antibody; LACTB Mouse mAb; G24; mitochondrial; mitochondrial 39S ribosomal protein L56; mitochondrial ribosomal protein L56; MRPL56; serine beta lactamase-like protein; serine beta lactamase-like protein LACTB; serine beta-lactamase-like protein LACTB; Serine beta-lactamase-like protein LACTB; LACT-1; Lact1; UNQ843/PRO1781; anti-LACTB antibody

PRODUCT SPECIFICATIONS

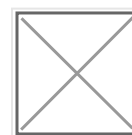
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	332
Applicable Applications for anti-LACTB antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human LACTB
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



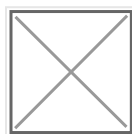
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling LACTB with M25101 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

LACTB was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25101 of 10 ug. Western blot was performed from the immunopre-cipitate using M25101 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 61 KDaObserved band size : 61 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-LACTB antibody

This gene encodes a mitochondrially-localized protein that has sequence similarity to prokaryotic beta-lactamases. Many of the residues responsible for beta-lactamase activity are not conserved in this protein, suggesting it may have a different enzymatic function. Increased expression of the related mouse gene was found to be associated with obesity. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Product Categories/Family for anti-LACTB antibody

Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	568384811
NCBI GeneID	114294
NCBI Accession #	NP_001275514.1
NCBI GenBank Nucleotide #	NM_001288585.1
UniProt Accession #	P83111; P83096
Molecular Weight	Predicted MW: 61kDa
NCBI Official Full Name	serine beta-lactamase-like protein LACTB, mitochondrial isoform c
NCBI Official Synonym Full Names	lactamase beta
NCBI Official Symbol	LACTB
NCBI Official Synonym Symbols	G24; MRPL56
NCBI Protein Information	serine beta-lactamase-like protein LACTB, mitochondrial
UniProt Protein Name	Serine beta-lactamase-like protein LACTB, mitochondrial
UniProt Gene Name	LACTB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/lactb-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62380>