anti-Mouse CD154 Monoclonal Antibody | anti-CD154 antibody

Anti-Ms CD154 Purified Low Endotoxin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128893	**Armenian Hamster**	**Mouse**	**Functional Assay, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD154; Monoclonal Antibody; Anti-Ms CD154 Purified Low Endotoxin; CD40 ligand; CD40L; TNFSF5; Ly62; gp39; T-BAM; anti-CD154 antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MR-1
Specificity	The Armenian hamster monoclonal antibody MR-1 detects an extracellular epitope on murine CD154 / CD40L (CD40-ligand), a 39 kDa cell surface type II glycoprotein expressed predominantly on activated CD4+ lymphocytes.
Purity/Purification	Purified by Protein-G Affinity Chromatography
Form/Format	Low endotoxin azide free phosphate buffered saline (PBS) solution, 0.2 um filter sterilized. Endotoxin level is less than 0.01 EU/ug of the protein, as determined by the LAL test.
Concentration	1 mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-CD154 antibody	FA (Functional Assay), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Activated mouse Th1 clone D1.6
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD154 antibody	CD154 / CD40L (CD40 ligand) is a member of the tumor necrosis factor family, and is expressed primarily on activated CD4+ lymphocytes, but also on mast cells, basophils, eosinophils and human dendritic cells. Its counter-receptor CD40 is expressed on antigen presenting cells, including dendritic cells, macrophages, and B cells, and also on fibroblasts. Triggering of CD40 by CD40L causes maturation of dendritic cells and upregulation of antigen presentation in functions of the MHC and costimulatory molecules. CD40L also functions as a direct stimulating factor for T cells. CD40L plays also roles e.g. in antibody class switching and modulation of apoptosis in the germinal center.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557433
NCBI GeneID	959
NCBI Accession #	NP_000065.1

NCBI GenBank Nucleotide #	NP_000065.1
UniProt Accession #	P29965
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Official Synonym Symbols	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
NCBI Protein Information	CD40 ligand
UniProt Protein Name	CD40 ligand
UniProt Gene Name	**CD40LG**
UniProt Synonym Gene Names	CD40L; TNFSF5; TRAP; CD40-L; TRAP
UniProt Entry Name	CD40L_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd154-antibody-clone-mr-1-functional-assay-immunocytochemistry-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/128893