

Mouse CD154 Monoclonal Antibody | anti-CD154 antibody

Anti-Hu CD154 PE

CATALOG # AAA128292	HOST Mouse	REACTIVITY Human, Non-human primates	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD154; Monoclonal Antibody; Anti-Hu CD154 PE; CD40 ligand; CD40L; TNFSF5; Ly62; gp39; T-BAM; anti-CD154 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Non-human primates
Clonality	Monoclonal
Isotype	IgG1
Clone Number	24-31
Specificity	The mouse monoclonal antibody 24-31 detects an extracellular epitope of CD154 / CD40L (CD40-ligand), a 39 kDa cell surface type II glycoprotein expressed predominantly on activated CD4+ lymphocytes.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	260
Applicable Applications for anti-CD154 antibody	FCM/FACS (Flow Cytometry)
Immunogen	human CD154 fusion protein
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15011846
NCBI GeneID	21947
NCBI Accession #	NP_035746.2
NCBI GenBank Nucleotide #	NP_035746.2

UniProt Accession #	P27548
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	Cd40lg
NCBI Official Synonym Symbols	IGM; IMD3; Ly62; TRAP; gp39; CD154; Cd40l; HIGM1; Ly-62; T-BAM; CD40-L; Tnfsf5; Tnlg8b
NCBI Protein Information	CD40 ligand
UniProt Protein Name	CD40 ligand
UniProt Gene Name	Cd40lg
UniProt Synonym Gene Names	Cd40l; Tnfsf5; CD40-L; TRAP
UniProt Entry Name	CD40L_MOUSE

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-24-31-flow-cytometry-elisa/128292>