

Rat anti-Human CD154 Monoclonal Antibody | anti-CD154 antibody

Rat Anti Human CD154: RPE

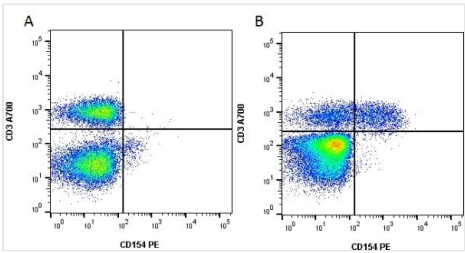
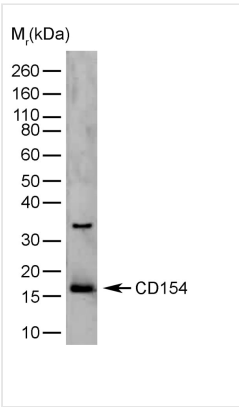
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50334	Rat	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD154; Monoclonal Antibody; Rat Anti Human CD154: RPE; CD154 antibody (YMF323.6.2); anti-CD154 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	YMF323.6.2
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Lyophilized
Sequence Length	261
Applicable Applications for anti-CD154 antibody	FCM/FACS (Flow Cytometry)
Conjugation	RPE
Reconstitution	Reconstitute with 1.0 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Pre-Lyophilization Buffer	Phosphate Buffered Saline
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light.



Application Data
Figure A. Unstimulated cells stained with Alexa Fluor 700 conjugated Mouse anti Human CD3 and PE conjugated Mouse anti Human CD154 . Figure B. Cells stimulated with PMA and ionomycin for 5 hr then stained with Alexa Fluor 700 conjugated Mouse anti Human CD3 and PE conjugated Mouse anti Human CD154 . All experiments performed on red cell lysed human blood gated on lymphoid cells in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.

Application Data
Recombinant Human CD154 detected with Rat anti Human CD154

ADDITIONAL INFORMATION

Related Product Information for anti-CD154 antibody	Rat anti Human CD154 antibody, clone YMF323.6.2 recognizes the human CD154 cell surface antigen, a 32kDa glycoprotein also known as CD40 ligand. CD154 is expressed on activated T lymphocytes, predominantly CD4+ve cells and also on some basophils and mast cells. Rat anti Human CD154 antibody, clone YMF323.6.2 also recognizes the soluble form of CD154.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557433
NCBI GeneID	959
NCBI Accession #	NP_000065.1
NCBI GenBank Nucleotide #	NM_000074.2
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.