

Rat CD40 Monoclonal Antibody | anti-CD40 antibody

RAT ANTI MOUSE CD40:Low Endotoxin

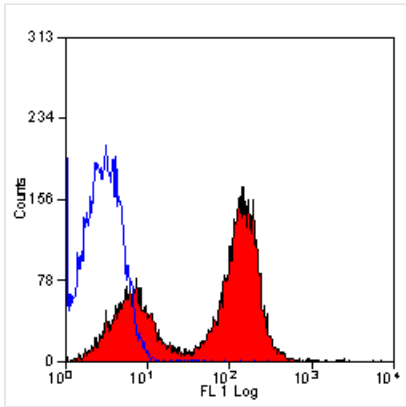
CATALOG #	HOST	APPLICATIONS
AAA11897	Rat	Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay, Functional Assay

PRODUCT SYNONYMS

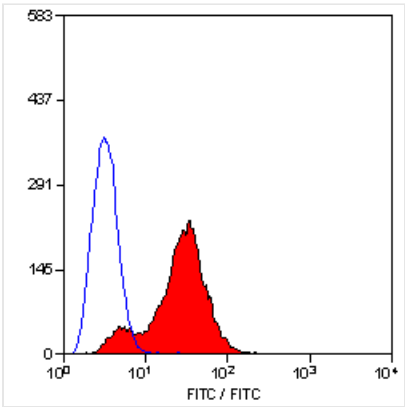
CD40; Monoclonal Antibody; RAT ANTI MOUSE CD40:Low Endotoxin; anti-CD40 antibody

PRODUCT SPECIFICATIONS

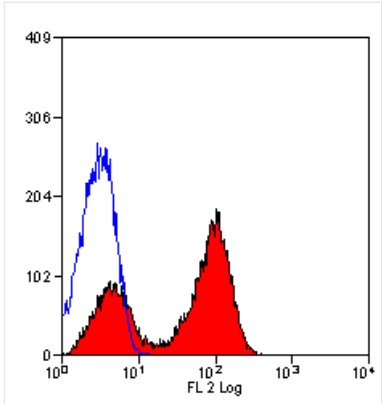
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3/23
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-CD40 antibody	IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Maximum Dilution: 1/50
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Extracellular domain of Mouse CD40 and the Fc portion of Human IgG1 Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at -20 degree C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



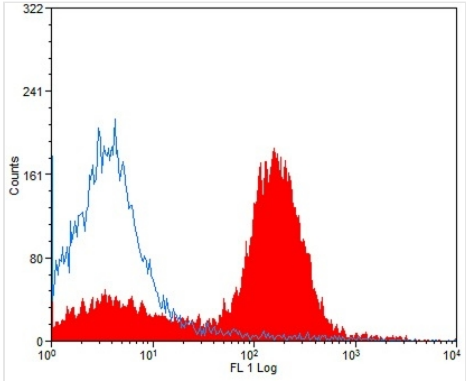
Application Data
Staining of mouse splenocytes with Rat anti Mouse CD40: RPE



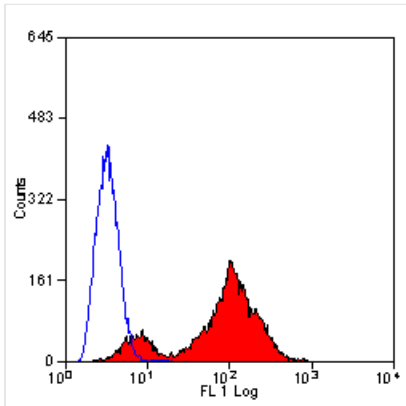
Application Data
Staining of mouse splenocytes with Rat anti Mouse CD40:FITC



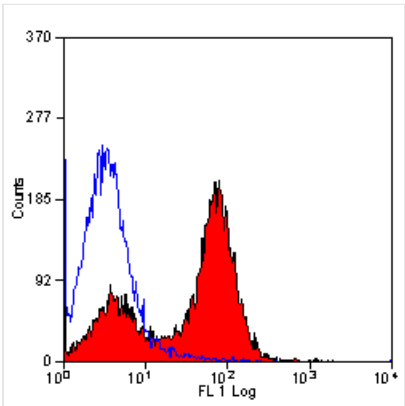
Application Data
Staining of mouse splenocytes with Rat anti Mouse CD40:RPE



Application Data
Staining of mouse splenocytes cells with Rat anti Mouse CD40



Application Data
Staining of mouse splenocytes with Rat anti Mouse CD40: Alexa Fluor 647



Application Data
Staining of mouse splenocytes with Rat anti Mouse CD40: Low Endotoxin

ADDITIONAL INFORMATION

Related Product Information for anti-CD40 antibody

Rat anti Mouse CD40 antibody, clone 3/23 recognizes the murine CD40 cell surface glycoprotein. It does not react with normal mouse Ig or with human IgG1 and will stain most mature mouse B cells. It does not cross react with mouse T cells. The specificity of Rat anti Mouse CD40 antibody, clone 3/23 was demonstrated by ELISA and flow cytometry using BHK cells transfected with mouse CD40. Rat anti Mouse CD40 antibody, clone 3/23 is a powerful activator of normal B cells especially in the presence of IL-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70608202
NCBI GeneID	21939
NCBI Accession #	NP_035741.2
NCBI GenBank Nucleotide #	NM_011611.2
UniProt Accession #	P27512; Q3TS33; Q3TSL2; Q3U799; Q3U7C9; Q3UBH3; Q542B1; Q8K2X6; Q99NE0; Q99NE1; Q99NE2; Q99NE3
Molecular Weight	28,878 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 5 isoform 1
NCBI Official Synonym Full Names	CD40 antigen
NCBI Official Symbol	Cd40
NCBI Official Synonym Symbols	IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936
NCBI Protein Information	tumor necrosis factor receptor superfamily member 5; B-cell surface antigen CD40; CD40L receptor; T-cell differentiation antigen; tumor necrosis factor receptor superfamily, member 5
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 5
UniProt Gene Name	Cd40
UniProt Synonym Gene Names	Tnfrsf5
UniProt Entry Name	TNR5_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/cd40-antibody-clone-3-23-immunohistochemistry-flow-cytometry-functional-assay-elisa/11897>