Rat anti-Mouse CD40 Monoclonal Antibody | anti-CD40 antibody

Anti-Mouse CD40 Monoclonal Antibody (PE/Cy5.5 Conjugated)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174736	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD40; Monoclonal Antibody; Anti-Mouse CD40 Monoclonal Antibody (PE/Cy5.5 Conjugated); Tumor necrosis factor receptor superfamily member 5; Cd40; B-cell surface antigen CD40; Bp50; CD40L receptor; Tnfrsf5; anti-CD40 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a, kappa
Clone Number	FGK4.5/FGK45
Form/Format	Liquid; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Sequence Length	289
Applicable Applications for anti-CD40 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE/Cy5.5
Preparation and Storage	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze. This product is guaranteed up to one year from purchase.Keep as concentrated solution. Avoid freeze / thaw cycles

ADDITIONAL INFORMATION

Related Product Information for anti-CD40 antibody	CD40 is a 48 kD type I transmembrane glycoprotein also known as Bp50. It is a member of the tumor necrosis factor receptor (TNFR) superfamily and is expressed on B cells, basal epithelial cells, macrophages, follicular dendritic cells, endothelial cells, and a subset of CD34+ hematopoietic progenitors. CD40 regulates B cell development/maturation, Ig isotype switching and, in combination with other signals such as IL-4, protects B cells from surface Ig-induced apoptosis and promotes proliferation. Interaction of CD40 with its ligand CD154 (gp39), which is expressed on activated T cells, is important in costimulation and immune regulation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	172046819
NCBI GeneID	21939
UniProt Accession #	P27512
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 5
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/cd40-antibody-clone-fgk4-5-fgk45-flow-cytometry-elisa/174736