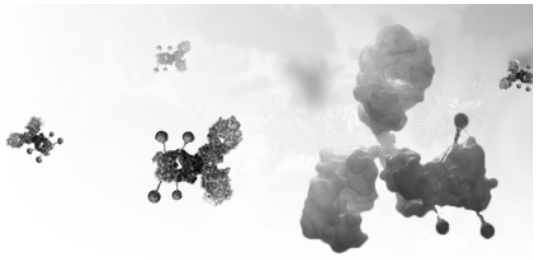

Anti-CD40 monoclonal antibody, clone 3/23 (CABT-46051RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	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. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD40
Immunogen	Extracellular Domain of Mouse CD40 and the Fc portion of Human IgG1
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	3/23
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC
Format	Purified IgG - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid

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repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd40 CD40 antigen [Mus musculus (house mouse)]
Official Symbol	CD40
Synonyms	CD40; CD40 antigen; IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936; tumor necrosis factor receptor superfamily member 5; CD40L receptor; B-cell surface antigen CD40; T-cell differentiation antigen; tumor necrosis factor receptor superfa
Entrez Gene ID	21939
Protein Refseq	NP_035741
UniProt ID	P27512
Chromosome Location	2 H3; 2 85.38 cM
Pathway	Adaptive Immune System; Allograft rejection; Asthma; Autoimmune thyroid disease; Cell adhesion molecules (CAMs); Cytokine-cytokine receptor interaction; Epstein-Barr virus infection; HTLV-I infection;
Function	antigen binding; enzyme binding; protein binding; ubiquitin protein ligase binding;

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