

CD40 recombinant antibody

Anti-CD40 [G28.5]

CATALOG # AAA71931	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay
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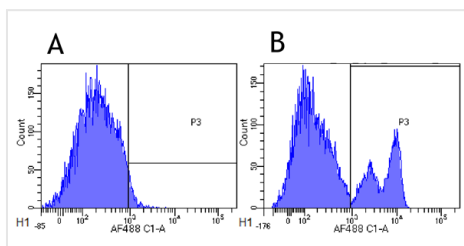
PRODUCT SYNONYMS

CD40; Anti-CD40 [G28.5]; Tumor necrosis factor receptor superfamily member 5; B-cell surface antigen CD40; Bp50; CD40L receptor CDw40; CD40 recombinant antibody

PRODUCT SPECIFICATIONS

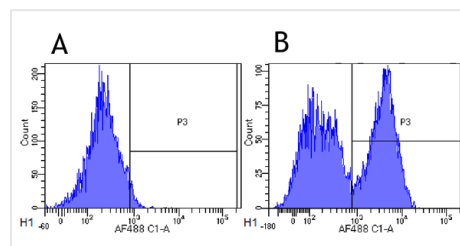
Reactivity	Human
Isotype	Rabbit IgG, kappa
Clone Number	G28.5
Specificity	48 kD Type I glycoprotein, a member of the TNFR superfamily primarily expressed on normal or malignant B cells or B cell lines, macrophages, follicular dendritic cells, endothelial cells, fibroblasts, and at low levels on plasma cells.
Purity/Purification	Protein A Affinity Purified
Sequence Length	277
Applicable Applications for CD40 recombinant antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Human erythrocyte-rosette-negative tonsillar lymphocytes.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



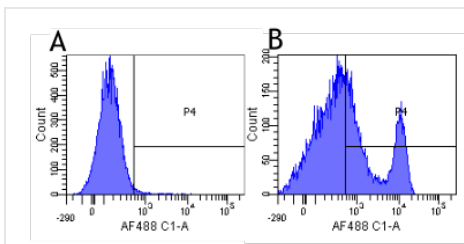
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD40 antibody G28.5 Cynomolgus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of G28.5 at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



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ADDITIONAL INFORMATION

Related Product Information for CD40 recombinant antibody	Recombinant monoclonal antibody to CD40. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the hybridoma G28.5. This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Product Categories/Family for CD40 recombinant antibody	Signal Transduction ; Immunology ; Costimulation
References	Clark EA, Ledbetter JA. Activation of human B cells mediated through two distinct cell surface differentiation antigens, Bp35 and Bp50. Proc Natl Acad Sci U S A. 1986 Jun; 83(12):4494-8. PMID:3487090

NCBI AND UNIPROT INFORMATION

NCBI GI #	116000
NCBI GeneID	958
UniProt Accession #	P25942 ; Q53GN5 ; Q5JY15 ; Q5U007 ; Q7M4Q8 ; Q86YK5 ; Q9BYU0 ; E1P5S9
Molecular Weight	22,259 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 5
NCBI Official Synonym Full Names	CD40 molecule
NCBI Official Symbol	CD40
NCBI Official Synonym Symbols	p50; Bp50; CDW40; TNFRSF5
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_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.

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Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/cd40/71931>