

Rabbit anti-Human CD40L Monoclonal Antibody | anti-CD40L antibody

Anti-CD40L [AT161-10]

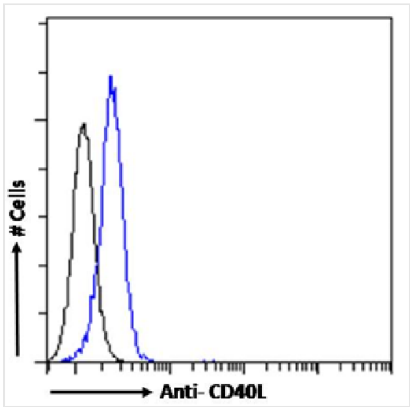
CATALOG # AAA72091	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

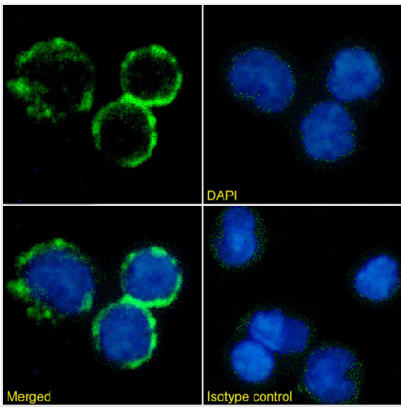
CD40L; Monoclonal Antibody; Anti-CD40L [AT161-10]; CD154; CD40 ligand; CD-40L; CD-40 Ligand; CD40-L; CD-40-L; anti-CD40L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	AT161-10
Specificity	This antibody is specific for human CD40L, and has been screened for specificity using human CD40L-rat CD40 fusion protein
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD40L antibody	ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse 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.



FCM/FACS (Flow Cytometry)
Flow-cytometry using the anti-CD40L antibody AT161-10 (AAA72091). Human peripheral blood leukocytes were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG1 version of AT161-10 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-mouse IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)
Immunofluorescence staining of human peripheral blood monocytes using anti-CD40L antibody (AAA72091) AT161-10 Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood monocytes immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of AT161-10 () at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD40L antibody	Recombinant monoclonal antibody to CD40L. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma AT161-10. This antibody was raised by immunising mice with Chinese hamster ovary (CHO) cells expressing human CD40L.
Product Categories/Family for anti-CD40L antibody	CD antigens; Alzheimer's; neurodegeneration; immunology; costimulation; immunooncology

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/cd40l-antibody-clone-at161-10-elisa/72091>