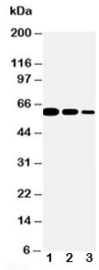
CD40 Antibody (R30192)

Catalog No.	Formulation	Size
R30192	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% thimerosal and 0.005% sodium azide
UniProt	P27512
Localization	Cytoplasmic, cell membrane
Applications	Western blot: 0.5-1ug/ml
Limitations	This CD40 antibody is available for research use only.



Western blot testing of CD40 antibody and Lane 1: Recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng

Description

CD40 is a cell surface receptor that is expressed on the surface of all mature B cells and also expressed on monocytes, dendritic cells, and thymic epithelium. CD40 is a member of the tumor necrosis factor(TNF) receptor superfamily and is the receptor for CD40 ligand. CD40 ligand (CD40L, CD154, gp39, and TRAM) belongs to the TNF gene family and is expressed more widely than CD40 predominantly on activated CD4+ T cells. Activation of CD40 has also been shown to inhibit the growth of certain B cell lymphomas and to induce the death of transformed cells of mesenchymal or epithelial

origin.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD40 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of mouse CD40 (QCVTCSDKQYLHDGQ) was used as the immunogen for this CD40 antibody.

Storage

Store the CD40 antibody at -20oC.

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