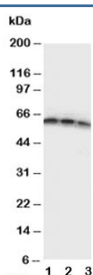


## CD40 Antibody (R30193)

Catalog No.	Formulation	Size
R30193	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P25942
<b>Localization</b>	Cytoplasmic, cell membrane
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This CD40 antibody is available for research use only.



Western blot testing of CD40 antibody and Lane 1: Recombinant human 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 human CD40 (PEPPTACREKQYLINSQC) was used as the immunogen for this CD40 antibody.

## Storage

After reconstitution, the CD40 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.