

CD40 Antibody (R32520)

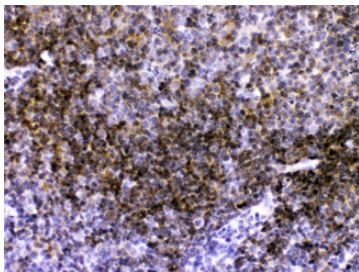
Catalog No.	Formulation	Size
R32520	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

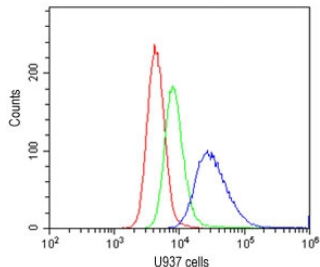
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P27512
Localization	Cytoplasmic, cell membrane
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/10 ⁶ cells ELISA : 0.5-1ug/ml (mouse protein tested); request BSA-free format for coating
Limitations	This CD40 antibody is available for research use only.



Western blot testing of mouse spleen lysate with CD40 antibody at 0.5ug/ml. Predicted molecular weight is 32-45 kDa depending on glycosylation level.



IHC testing of FFPE mouse spleen with CD40 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human U937 cells with CD40 antibody at 1ug/10⁶ cells (cells blocked with goat sera); Red=cells alone, Green=isotype control, Blue=CD40 antibody.

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. It is a member of the tumor necrosis factor (TNF) receptor superfamily and is the receptor for CD40 ligand.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the CD40 antibody to be titrated for optimal performance.

Immunogen

Amino acids L20-R193 from the mouse protein were used as the immunogen for the 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.