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CD40 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51057

Specification

CD40 Antibody - Product Information

Application	**WB, ICC, IHC-P, E**
Primary Accession	P25942
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**31 KDa**

CD40 Antibody - Additional Information

Gene ID 958

Other Names
Tumor necrosis factor receptor superfamily member 5, B-cell surface antigen CD40, Bp50, CD40L receptor, CDw40, CD40, CD40, TNFRSF5

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD40. The exact sequence is proprietary.

Dilution
WB~~1:1000
ICC~~N/A
IHC-P~~N/A
E~~N/A

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

CD40 Antibody - Protein Information

Name CD40

Synonyms TNFRSF5

Function
Receptor for TNFSF5/CD40LG (PubMed:31331973). Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion (By similarity).

Cellular Location
[Isoform I]: Cell membrane; Single-pass type I membrane protein

Tissue Location
B-cells and in primary carcinomas.

CD40 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD40 Antibody - Images

CD40 Antibody - Background

Receptor for TNFSF5/CD40LG. Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion.

CD40 Antibody - References

Stamenkovic I.,et al.EMBO J. 8:1403-1410(1989).
Tone M.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:1751-1756(2001).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Livingston R.J.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.