

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

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**CD40 Antibody - Product Information**

Application	<b>WB, ICC, IHC-P, E</b>
Primary Accession	<a href="#">P25942</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>31 KDa</b>

**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

**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: &lt;a href="http://www.uniprot.org/citations/31331973" target="\_blank"&gt;31331973&lt;/a&gt;). 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 Cytometry](#)
- [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).  
Kalnina 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.