

# Goat Anti-CD40 Antibody (internal region)

Purified Goat Polyclonal Antibody Catalog # AF4246a

## **Specification**

## Goat Anti-CD40 Antibody (internal region) - Product Information

**Application** WB **Primary Accession** P25942 Other Accession NP 001241.1 Reactivity Human Predicted Human Host Goat Clonality **Polyclonal** Concentration 0.5

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Calculated MW 30619

# Goat Anti-CD40 Antibody (internal region) - Additional Information

#### Gene ID 958

## **Other Names**

CD40; CD40 molecule, TNF receptor superfamily member 5; Bp50; CDW40; MGC9013; TNFRSF5; p50; B cell surface antigen CD40; B cell-associated molecule; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); CD40 type II isoform; CD40L

### **Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

### **Immunogen**

Peptide with sequence C-PQEINFPDDLPGSN, from the internal region of the protein sequence according to NP 001241.1.

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

# **Precautions**

Goat Anti-CD40 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

## Goat Anti-CD40 Antibody (internal region) - Protein Information

# Name CD40

**Synonyms TNFRSF5** 



#### **Function**

Receptor for TNFSF5/CD40LG (PubMed:<a href="http://www.uniprot.org/citations/31331973" target="\_blank">31331973</a>). 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**

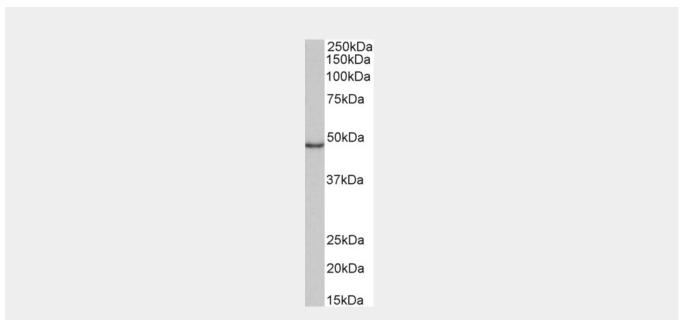
B-cells and in primary carcinomas.

# Goat Anti-CD40 Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Goat Anti-CD40 Antibody (internal region) - Images



AF4246a (1  $\mu$ g/ml) staining of Daudi lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-CD40 Antibody (internal region) - References

A common SNP in the CD40 region is associated with systemic lupus erythematosus and correlates with altered CD40 expression: implications for the pathogenesis. Vazgiourakis VM, Zervou MI, Choulaki C, Bertsias G, Melissourgaki M, Yilmaz N, Sidiropoulos P, Plant D, Trouw LA, Toes RE, Kardassis D, Yavuz S, Boumpas DT, Goulielmos GN. Ann Rheum Dis. 2011 Dec;70(12):2184-90.