antibodies - online.com







anti-CD40 antibody (C-Term)





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| Overview | |
|----------------------|--|
| Quantity: | 100 μL |
| Target: | CD40 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CD40 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC) |
| Product Details | |

| Immunogen: | A synthesized peptide derived from human CD40, corresponding to a region within C-terminal amino acids. |
|-----------------------|--|
| Isotype: | IgG |
| Specificity: | CD40 Antibody detects endogenous levels of total CD40. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific). |

Target Details

| Target: | CD40 | |
|---------|------|--|

Target Details

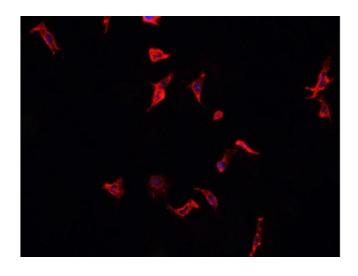
| Alternative Name: | CD40 (CD40 Products) |
|-------------------|--|
| Background: | Description: Receptor for TNFSF5/CD40LG. Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion. Gene: CD40 |
| Molecular Weight: | 31 kDa |
| Gene ID: | 958 |
| UniProt: | P25942 |
| Pathways: | NF-kappaB Signaling, Cellular Response to Molecule of Bacterial Origin, M Phase, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints |

Application Details

| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
|--------------------|---|
| Restrictions: | For Research Use only |
| | |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



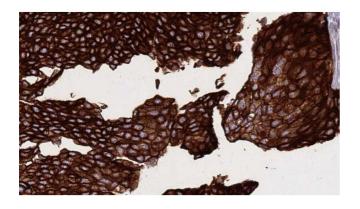
kDa 1 2 250— 150— 100— 75— 50— 37— 25— 20— 15—

Immunofluorescence (fixed cells)

Image 1. ABIN6268883 staining Raji? cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Western Blotting

Image 2. Western blot analysis of CD40 expression in COS7 cell. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 3. ABIN6268883 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Please check the product details page for more images. Overall 4 images are available for ABIN6260623.