

## CD40 Ab

References(7) Images(5)

Cat.#: AF5336  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 31 kDa  
Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

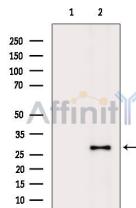
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

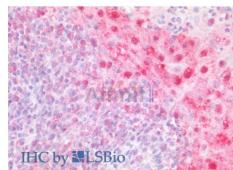
Immunogen: A synthesized peptide derived from human CD40, corresponding to a region within C-terminal amino acids.

Uniprot: P25942

Description: Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation.



Western blot analysis of extracts from Rat liver, using CD40 Ab. The lane on the left was treated with blocking peptide.



AF5336 at 1/100 staining Human Tonsil 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 primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab



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in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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