

Anti-CD40 Antibody

Catalog Number: PA1019

About Cd40

CD40 is a cell surface receptor that is expressed on the surface of all mature B cells and also expressed on monocytes, dendritic cells, and thymic epithelium. CD40 is a member of the tumor necrosis factor (TNF) receptor superfamily and is the receptor for CD40 ligand (CD40L, CD154, gp39, and TRAM) belongs to the TNF gene family and is expressed more widely than CD40 predominantly on activated CD4+ T cells. Activation of CD40 has also been shown to inhibit the growth of certain B cell lymphomas and to induce the death of transformed cells of mesenchymal or epithelial origin.

Overview

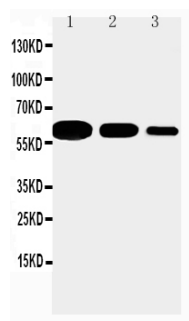
Product Name	Anti-CD40 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-CD40 Antibody catalog # PA1019. Tested in WB applications. This antibody reacts with Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.01mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P27512

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CD40.
Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Mouse</p>

Anti-CD40 Antibody (PA1019) Images



Anti-CD40 antibody, PA1019, Western blotting
Lane 1: Recombinant Mouse CD 40 Protein 10ng
Lane 2: Recombinant Mouse CD 40 Protein 5ng
Lane 3: Recombinant Mouse CD 40 Protein 2.5ng

2 Publications Citing This Product

1. PubMed ID: 20132097, Peng Yd, Cheng Lx, Zeng Qt, Shi Y, Bao Xx, Mao Xb, Ji Qw, Li Sn, Guo M, Liang Zs, Wu Tc. Cell Biol Int. 2010 Mar 24;34(5):447-53. Doi: 10.1042/Cbi20090301. The Role Of Rantes As A Crucial Downstream Cytokine In Calcineurin-Dependent Vsmc Apoptosis...
2. PubMed ID: 25953661, Meng Hx, Li Hn, Geng Js, Ohe R, Yu Xy, E Xq, Ye F, Yang Sr, Kato T, Zhang L, Ishida A, Ohta N, Jin Xm, Kakehata S, Geng Js, Yamakawa M. Transl Res. 2015 Sep;166(3):281-91. Doi: 10.1016/J.Trsl.2015.04.004. Epub 2015 Apr 17. Decreased Expression Of ...

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