

Anti-CTLA4 (CD152) Monoclonal Antibody

Catalog Number: M00020

About CTLA4

The ion channels activated by glutamate are typically divided into two classes. Those that are sensitive to N-methyl-D-aspartate (NMDA) are designated NMDA receptors (NMDAR) while those activated by alpha-amino-3-hydroxy-5-methyl-4-isoxalone propionic acid (AMPA) are known as AMPA receptors (AMPA). The AMPAR are comprised of four distinct glutamate receptor subunits designated (GluR1-4) and they play key roles in virtually all excitatory neurotransmission in the brain (Keinänen et al., 1990; Hollmann and Heinemann, 1994). The GluR1 subunit is widely expressed throughout the nervous system. Phosphorylation of Ser-845 on GluR1 is thought to be mediated by PKA and phosphorylation of this site increases the conductance of the AMPAR (Roche et al., 1996; Banke et al., 2000). In addition, phosphorylation of this site has been linked to synaptic plasticity as well as learning and memory (Lee et al., 2003; Esteban et al., 2003).

Overview

Product Name	Anti-CTLA4 (CD152) Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CTLA4 (CD152) Monoclonal Antibody catalog # M00020. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal ADCD-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16410

Technical Details

Immunogen	A synthesized peptide derived from human CTLA4 (CD152)
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

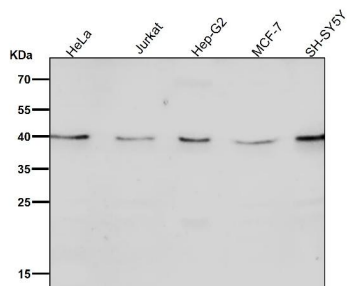
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

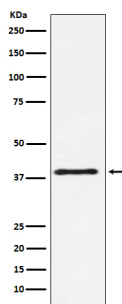
WB 1:500-1:2000

ICC/IF 1:50-1:200

Anti-CTLA4 (CD152) Monoclonal Antibody (M00020) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of CTLA4 (CD152) expression in NIH/3T3 cell lysate.

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