BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-MDM2 Antibody

Catalog Number: M00054

About MDM2

E3 ubiquitin-protein ligase that mediates ubiquitination of p53/TP53, leading to its degradation by the proteasome. Inhibits p53/TP53- and p73/TP73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Also acts as a ubiquitin ligase E3 toward itself and ARRB1. Permits the nuclear export of p53/TP53. Promotes proteasome-dependent ubiquitin-independent degradation of retinoblastoma RB1 protein. Inhibits DAXX-mediated apoptosis by inducing its ubiquitination and degradation. Component of the TRIM28/KAP1-MDM2-p53/TP53 complex involved in stabilizing p53/TP53. Also component of the TRIM28/KAP1-ERBB4-MDM2 complex which links growth factor and DNA damage response pathways. Mediates ubiquitination and subsequent proteasome degradation of DYRK2 in nucleus. Ubiquitinates IGF1R and SNAI1 and promotes them to proteasomal degradation.

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Overview

Product Name	Anti-MDM2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MDM2 Antibody (Catalog # M00054). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1806CT309.52.1
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q00987

Technical Details

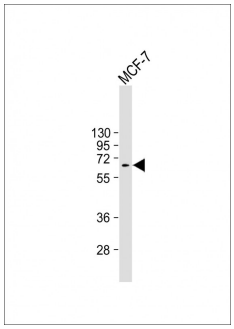
Immunogen	This MDM2 antibody is generated from a mouse immunized with a recombinant protein between 196-435 amino acids from the human MDM2.

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Predicted Reactive Species	Xenopus
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:4000

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Anti-MDM2 Antibody (M00054) Images



Anti-MDM2 Antibody at 1:4000 dilution + MCF-7 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-MDM2 Antibody

For Research Use Only. Not for use in diagnostic procedures.