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

Anti-CDT2 Monoclonal Antibody

Catalog Number: M01255

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-CDT2 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CDT2 Monoclonal Antibody catalog # M01255. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal AEBD-4
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Q9NZJ0

Technical Details

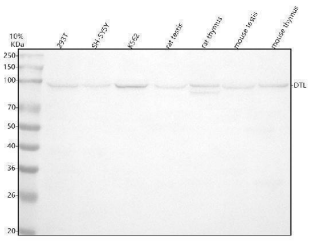
Immunogen	A synthesized peptide derived from human CDT2 Substrate-specific adapter of a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex required for cell cycle control, DNA damage response and translesion DNA synthesis. The DCX (DTL) complex, also named CRL4 (CDT2) complex, mediates the polyubiquitination and subsequent degradation of CDT1 and CDKN1A/p21 (CIP1) .
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml

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

Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000 IHC, 1:50-200 ICC/IF, 1:50-200 FC, 1:80

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

Anti-CDT2 Monoclonal Antibody (M01255) Images



Western blot analysis of DTL using anti-DTL antibody (M01255). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human SH-SY5Y whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: rat testis tissue lysates, Lane 5: rat thymus tissue lysates, Lane 6: mouse testis tissue lysates, Lane 7: mouse thymus tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-DTL antigen affinity purified monoclonal antibody (M01255) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for DTL at approximately 95 kDa. The expected band size for DTL is at 79 kDa.

Anti-CDT2 Monoclonal Antibody

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