BOSTER BIOLOGICAL TECHNOLOGY
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Anti-IMP3 IGF2BP3 Monoclonal Antibody

Catalog Number: M02362-1

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Overview

Product Name	Anti-IMP3 IGF2BP3 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IMP3 IGF2BP3 Monoclonal Antibody catalog # M02362-1. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal AEDB-9
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	O00425

Technical Details

Immunogen	A synthesized peptide derived from human IMP3 RNA-binding protein that act as a regulator of mRNA translation and stability. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. Binds to sequences in the 3'-UTR of CD44 mRNA.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography

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Suggested Dilutions	WB, 1:500-2000 ICC/IF, 1:50-200 IP, 1:50 FC, 1:50

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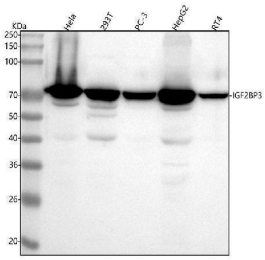
Anti-IMP3 IGF2BP3 Monoclonal Antibody (M02362-1) Images



Western blot analysis of IGF2BP3 using anti-IGF2BP3 antibody (M02362-1). 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 Hela whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human PC-3 whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: human RT4 whole cell 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-IGF2BP3 antigen affinity purified monoclonal antibody (Catalog # M02362-1) 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 1:5000 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 IGF2BP3 at approximately 72 kDa. The expected band size for IGF2BP3 is at 64 kDa.

Anti-IMP3 IGF2BP3 Monoclonal Antibody

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