BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Angiopoietin 1 ANGPT1 Rabbit Monoclonal Antibody

Catalog Number: M00853

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Overview

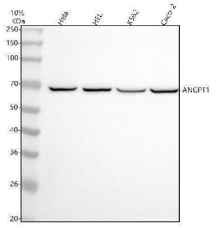
Product Name	Anti-Angiopoietin 1 ANGPT1 Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-Angiopoietin 1 ANGPT1 Rabbit Monoclonal Antibody catalog # M00853. Tested in WB application. This antibody reacts with Human, Rat.
Application	WB
Clonality	Monoclonal FGC-1
Formulation	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	Q15389

Technical Details

Immunogen	A synthesized peptide derived from human Angiopoietin 1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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Anti-Angiopoietin 1 ANGPT1 Rabbit Monoclonal Antibody (M00853) Images



Western blot analysis of Angiopoietin-1/ANGPT1 using anti-Angiopoietin-1/ANGPT1 antibody (M00853). 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 HEL whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: human Caco-2 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-Angiopoietin-1/ANGPT1 antigen affinity purified monoclonal antibody (M00853) 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 Angiopoietin-1/ANGPT1 at approximately 70 kDa. The expected band size for Angiopoietin-1/ANGPT1 is at 58 kDa.

4 Publications Citing This Product

1. PubMed ID: 32391293, Ruan Y,Dong W,Kang L,Lei X,Zhang R,Wang F,Zhu X.The Changes of Twist1 Pathway in Pulmonary Microvascular Permeability in a Newborn Rat Model of Hyperoxia-Induced Acute Lung Injury.Front Pediatr.2020 Apr 23;8:190.doi:10.3389/fped.2020.00190.PMID:32391293;P

2. PubMed ID: 23026853, Huang S, Yang N, Liu Y, Gao J, Huang T, Hu L, Zhao J, Li Y, Li C, Zhang X. Int J Mol Med. 2012 Dec;30(6):1410-6. Doi: 10.3892/Ijmm.2012.1147. Epub 2012 Oct 1. Grape Seed Proanthocyanidins Inhibit Colon Cancer-Induced Angiogenesis Throu...

3. PubMed ID: 24979385, Sun Fl, Wang W, Cheng H, Wang Y, Li L, Xue Jl, Wang Xf, Ai Hx, Zhang L, Xu Jd, Wang Xm, Ji Xm. Plos One. 2014 Jun 30;9(6):E101194. Doi: 10.1371/Journal.Pone.0101194. Ecollection 2014. Morroniside Improves Microvascular Functional Integrity Of The ...

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