BOSTER BIOLOGICAL TECHNOLOGY
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Anti-IL1 beta Rabbit Monoclonal Antibody

Catalog Number: M00101-1

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Overview

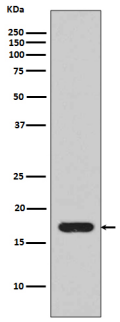
Product Name	Anti-IL1 beta Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-IL1 beta Rabbit Monoclonal Antibody catalog # M00101-1. Tested in WB application. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal BII-9
Formulation	Rabbit IgG in stabilizing components, 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	P01584

Technical Details

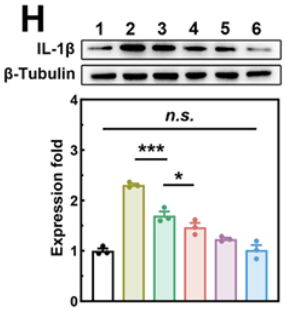
Immunogen	A synthesized peptide derived from human IL1 beta
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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Anti-IL1 beta Rabbit Monoclonal Antibody (M00101-1) Images



Western blot analysis of extracts from recombinant IL1 beta, using IL1 beta antibody.



Western blot analysis of IL1 beta using anti-IL1 beta antibody (M00101-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1-6: Mouse PACs 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-IL1 beta antigen affinity purified polyclonal antibody (M00101-1) at 1:1000 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for IL1 beta at approximately 30 kDa. The expected band size for IL1 beta is at 30.7 kDa.

5 Publications Citing This Product

1. PubMed ID: -, Gang Zhong,Huiping Long,Shiting Ma,Yao Shunhan,Jia Li,Jun Yao,miRNA-335-5p relieves chondrocyte inflammation by activating autophagy in osteoarthritis,Life Sciences,Volume 226,2019,Pages 164-172,ISSN 0024-3205,https://doi.org/10.1016/j. lfs.2019.03.071.

2. PubMed ID: 22942709, Qin Q, Niu J, Wang Z, Xu W, Qiao Z, Gu Y. Int J Mol Sci. 2012;13(7):8379-87. Doi: 10.3390/Ijms13078379. Epub 2012 Jul 5. Astragalus Membranaceus Inhibits Inflammation Via Phospho-P38 Mitogen-Activated Protein Kinase (Mapk) And Nuclear Factor (Nf)-...

3. PubMed ID: 25207596, NLRP3 Inflammasome Sequential Changes in?Staphylococcus aureus-Induced Mouse Model of Acute Rhinosinusitis

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