

Anti-ACE1 Monoclonal Antibody

Catalog Number: M00251

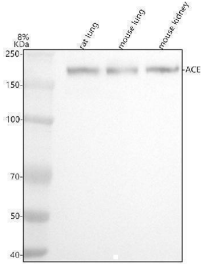
Overview

Product Name	Anti-ACE1 Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ACE1 Monoclonal Antibody catalog # M00251. Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IHC, WB
Clonality	Monoclonal ADCO-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	P12821

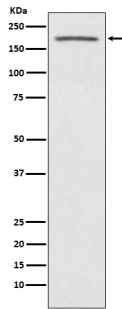
Technical Details

Immunogen	A synthesized peptide derived from human ACE1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 FC 1:20

Anti-ACE1 Monoclonal Antibody (M00251) Images



Western blot analysis of ACE1 using anti-ACE1 antibody (M00251). 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: rat lung tissue lysates, Lane 2: mouse lung tissue lysates, Lane 3: mouse kidney 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-ACE1 antigen affinity purified monoclonal antibody (Catalog # M00251) 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 ACE1 at approximately 180 kDa. The expected band size for ACE1 is at 54 kDa.



Western blot analysis of ACE1 expression in human fetal kidney lysate.

1 Publications Citing This Product

1. PubMed ID: 29969996, Telmisartan protects chronic intermittent hypoxic mice via modulating cardiac renin-angiotensin system activity

Visit bosterbio.com/anti-ace1-antibody-m00251-boster.html to see all 1 publications.

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