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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ESE1 Rabbit Monoclonal Antibody

Catalog Number: M01027-1

Overview

Product Name	Anti-ESE1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ESE1 Rabbit Monoclonal Antibody catalog # M01027-1. Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, WB
Clonality	Monoclonal 24E94
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	P78545

Technical Details

Immunogen	A synthesized peptide derived from human ESE1
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 FC 1:100

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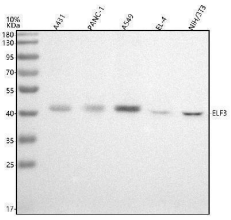
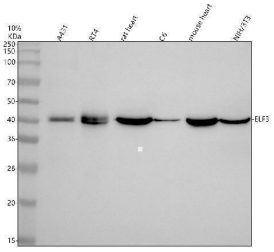
Anti-ESE1 Rabbit Monoclonal Antibody (M01027-1) Images



Western blot analysis of ESE1 using anti-ESE1 antibody (M01027-1). Electrophoresis was performed on a 10% 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: human A431 whole cell lysates, Lane 2: human PANC-1 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: mouse EL-4 whole cell lysates, Lane 5: mouse NIH/3T3 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-ESE1 antigen affinity purified monoclonal antibody (M01027-1) 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 1:500 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 ESE1 at approximately 41 kDa. The expected band size for ESE1 is at 41 kDa.



Western blot analysis of ESE1 using anti-ESE1 antibody (M01027-1). Electrophoresis was performed on a 10% 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: human A431 whole cell lysates, Lane 2: human RT4 whole cell lysates, Lane 3: rat heart tissue lysates, Lane 4: rat C6 whole cell lysates, Lane 5: mouse heart tissue lysates, Lane 6: mouse NIH/3T3 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-ESE1 antigen affinity purified monoclonal antibody (M01027-1) 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 1:1000 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 ESE1 at approximately 41 kDa. The expected band size for ESE1 is at 41 kDa.

Western blot analysis of P-TSC2 using anti-P-TSC2 antibody (M00229S939). Electrophoresis was performed on a 8% 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: human SH-SY5Y whole cell lysates, Lane 2: human SIHA whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human 293T whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at

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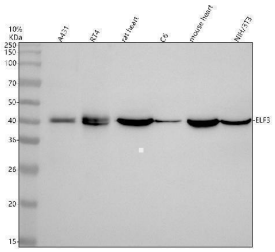

150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-P-TSC2 antigen affinity purified monoclonal antibody (M00229S939) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for P-TSC2 at approximately 140 kDa. The expected band size for P-TSC2 is at 201 kDa.

Anti-ESE1 Rabbit Monoclonal Antibody

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