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Anti-Rho A + B + C Rabbit Monoclonal Antibody

Catalog Number: M00207-1

Overview

Product Name	Anti-Rho A + B + C Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Rho A + B + C Rabbit Monoclonal Antibody catalog # M00207-1. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal DGF-18
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	P61586/P62745/P08134

Technical Details

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

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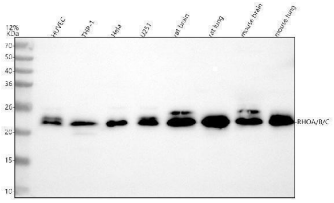
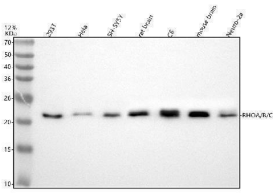
Anti-Rho A + B + C Rabbit Monoclonal Antibody (M00207-1) Images



Western blot analysis of Rho A+B+C using anti-Rho A+B+C antibody (M00207-1). Electrophoresis was performed on a 12% 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 HUVEC whole cell lysates, Lane 2: human THP-1 whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human U251 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat lung tissue lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse lung 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-Rho A+B+C antigen affinity purified monoclonal antibody (M00207-1) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Rho A+B+C at approximately 22 kDa. The expected band size for Rho A+B+C is at 22 kDa.



Western blot analysis of Rho A+B+C using anti-Rho A+B+C antibody (M00207-1). Electrophoresis was performed on a 12% 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 293T whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human SH-SY5Y whole cell lysates, Lane 4: human U251 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat C6 whole cell, Lane 7: mouse brain tissue lysates, Lane 8: mouse neuro-2a whole cell. 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-Rho A+B+C antigen affinity purified monoclonal antibody (Catalog # M00207-1) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Rho A+B+C at approximately 22 kDa. The expected band size for Rho A+B+C is at 22 kDa.

Western blot analysis of Rho A+B+C using anti-Rho A+B+C antibody (M00207-1). Electrophoresis was performed on a 12% 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:

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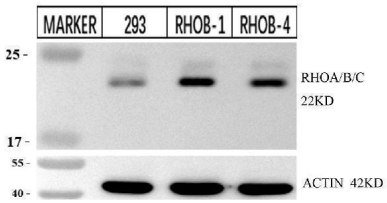
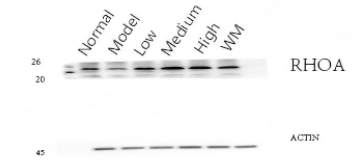
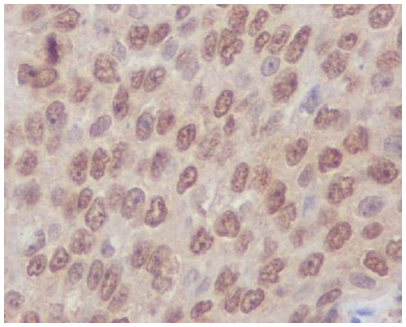


human 293T whole cell lysates, Lane 2: human 293T cells transfected with RHOP whole cell lysayes, Lane 3: human 293T cells transfected with RHOP whole cell lysayes. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Rho A+B+C antigen affinity purified monoclonal antibody (M00207-1) at 1:2500 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 1:10000 for 1 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # AR1196-200) with ChemiDoc MP system. A specific band was detected for Rho A+B+C at approximately 22 kDa. The expected band size for Rho A+B+C is at 22 kDa.



Western blot analysis of Rho A+B+C using anti-Rho A+B+C antibody (M00207-1). Electrophoresis was performed on a 12% 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: Normal group-rat colon tissue lysates, Lane 2: Model group-rat colon tissue lysates, Lane 3: Triditional Chinese medicine treatment (low dose)-rat colon tissue lysates, Lane 4: Triditional Chinese medicine treatment (medium dose)-rat colon tissue lysates, Lane 5: Triditional Chinese medicine treatment(high dose)-rat colon tissue lysates, Lane 6: Western medicine treatment-rat colon 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-Rho A+B+C antigen affinity purified monoclonal antibody (Catalog # M00207-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a HRP Conjugated AffiniPure Goat Anti-rabbit IgG (H+L) antibody at a dilution of 1:5000 for 1 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # AR1196-200) with ChemiDoc MP system. A specific band was detected for Rho A+B+C at approximately 22 kDa. The expected band size for Rho A+B+C is at 22 kDa.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using Rho A + B + C Antibody .

Immunofluorescent analysis of Hela cells, using Rho A + B + C Antibody .

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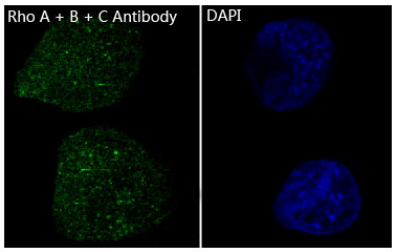

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