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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-HOMER1 Mouse Monoclonal Antibody [Clone ID: OTI7G10]

Catalog Number: M03877

Overview

Product Name	Anti-HOMER1 Mouse Monoclonal Antibody [Clone ID: OTI7G10]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio HOMER1 mouse monoclonal antibody,clone OTI7G10. Catalog# M03877. Tested in IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal OTI7G10
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. 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 as received.
Host	Mouse
Uniprot ID	Q86YM7

Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 1-354 of human HOMER1 (NP_004263) produced in E.coli.
Isotype	IgG2b
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:500~2000 IHC: 1:500

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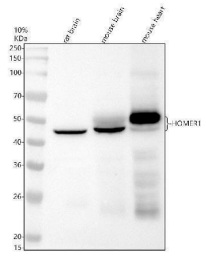
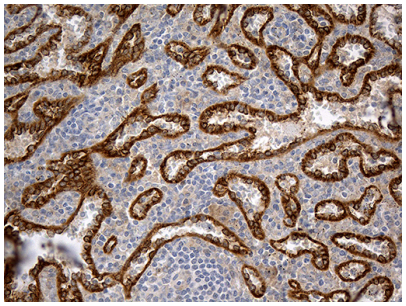
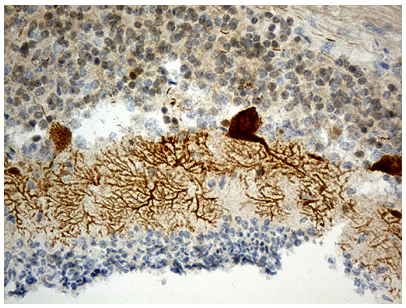
Anti-HOMER1 Mouse Monoclonal Antibody [Clone ID: OTI7G10] (M03877) Images



Western blot analysis of HOMER1 using anti-HOMER1 antibody (M03877). 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: rat brain tissue lysates, Lane 2: mouse brain tissue lysates, Lane 3: mouse heart 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 mouse anti-HOMER1 antigen affinity purified monoclonal antibody (M03877) 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-mouse 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 HOMER1 at approximately 46,50 kDa. The expected band size for HOMER1 is at 40 kDa.



Immunohistochemical staining of paraffin-embedded Human spleen tissue within the normal limits using anti-HOMER1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Â°C for 3min



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-HOMER1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Â°C for 3min