

Anti-AKAP12 Mouse Monoclonal Antibody [Clone ID: OTI1B6]

Catalog Number: M02303

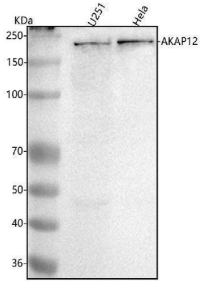
Overview

Product Name	Anti-AKAP12 Mouse Monoclonal Antibody [Clone ID: OTI1B6]
Reactive Species	Human
Description	Boster Bio AKAP12 mouse monoclonal antibody, clone OTI1B6. Catalog# M02303. Tested in IHC, WB. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal OTI1B6
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	Q02952

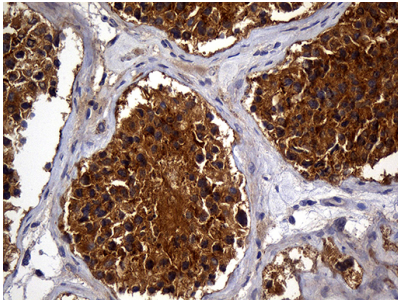
Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 266-557 of human AKAP12 (NP_005091) 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

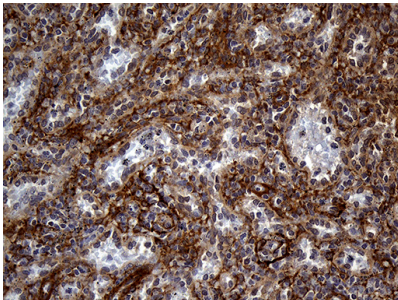
Anti-AKAP12 Mouse Monoclonal Antibody [Clone ID: OTI1B6] (M02303) Images



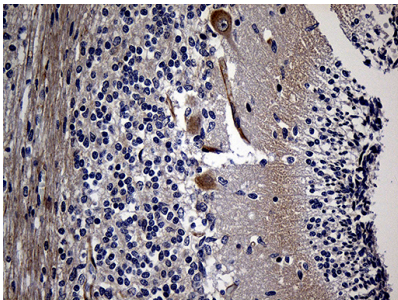
Western blot analysis of AKAP12 using anti-AKAP12 antibody (M02303). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human U251 whole cell lysates, Lane 2: human Hela 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 mouse anti-AKAP12 antigen affinity purified monoclonal antibody (Catalog # M02303) at 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-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for AKAP12 at approximately 191 kDa. The expected band size for AKAP12 is at 191 kDa.



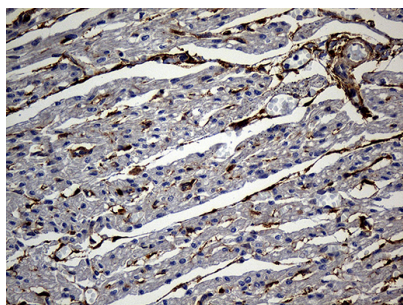
Immunohistochemical staining of paraffin-embedded Human testicle tissue within the normal limits using anti-AKAP12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human spleen tissue within the normal limits using anti-AKAP12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-AKAP12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human adult heart tissue within the normal limits using anti-AKAP12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)

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Anti-AKAP12 Mouse Monoclonal Antibody [Clone ID: OT11B6]

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