

Anti-PSMA4 Mouse Monoclonal Antibody [Clone ID: OTI1H10]

Catalog Number: M06794

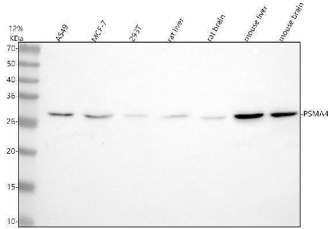
Overview

Product Name	Anti-PSMA4 Mouse Monoclonal Antibody [Clone ID: OTI1H10]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio PSMA4 mouse monoclonal antibody, clone OTI1H10 (formerly 1H10). Catalog# M06794. Tested in IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	IHC, WB
Clonality	Monoclonal OTI1H10
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	P25789

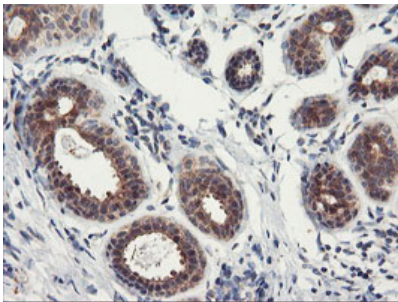
Technical Details

Immunogen	Full length human recombinant protein of human PSMA4 (NP_002780) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.49 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: 1:150

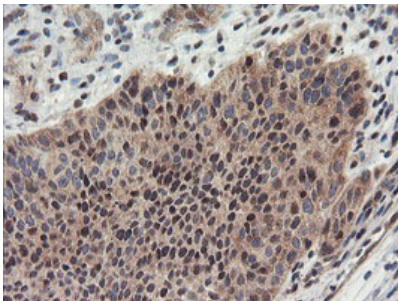
Anti-PSMA4 Mouse Monoclonal Antibody [Clone ID: OTI1H10] (M06794) Images



Western blot analysis of PSMA4 using anti-PSMA4 antibody (M06794). 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 A549 whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: rat liver tissue lysates, Lane 5: rat brain tissue lysates, Lane 6: mouse liver tissue lysates, Lane 7: mouse brain 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-PSMA4 antigen affinity purified monoclonal antibody (Catalog # M06794) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for PSMA4 at approximately 29 kDa. The expected band size for PSMA4 is at 29 kDa.

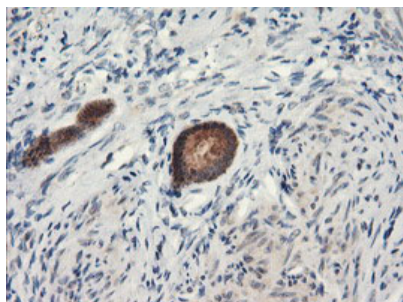
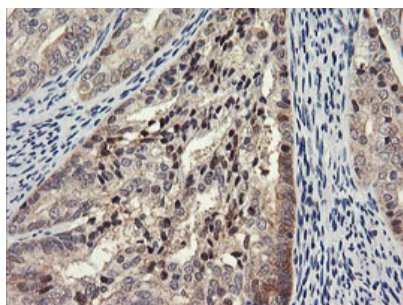


Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-PSMA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

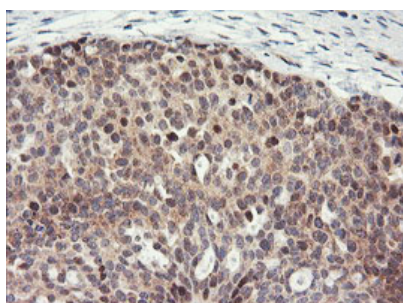


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PSMA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PSMA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-PSMA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PSMA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

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Anti-PSMA4 Mouse Monoclonal Antibody [Clone ID: OT11H10]

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