

Anti-SOX9 Mouse Monoclonal Antibody [Clone ID: OTI2H10]

Catalog Number: M00177-1

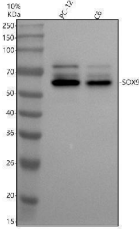
Overview

Product Name	Anti-SOX9 Mouse Monoclonal Antibody [Clone ID: OTI2H10]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio SOX9 mouse monoclonal antibody, clone OTI2H10 (formerly 2H10). Catalog# M00177-1. Tested in IHC, WB. This antibody reacts with Human, Mouse, Rat.
Conjugate	Unconjugated
Application	IHC, WB
Clonality	Monoclonal OTI2H10
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 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	Mouse
Uniprot ID	P48436

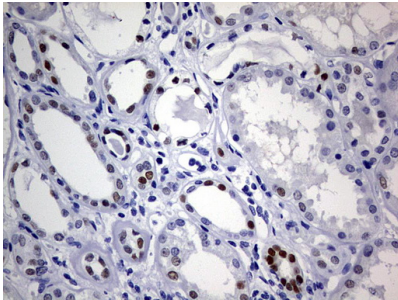
Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 1-205 of human SOX9 (NP_000337) produced in E.coli.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IHC: 1:150

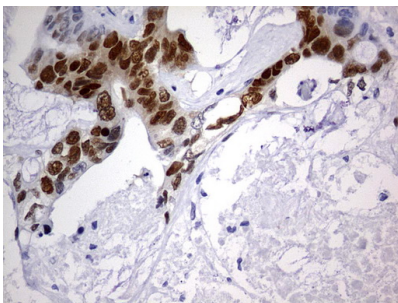
Anti-SOX9 Mouse Monoclonal Antibody [Clone ID: OTI2H10] (M00177-1) Images



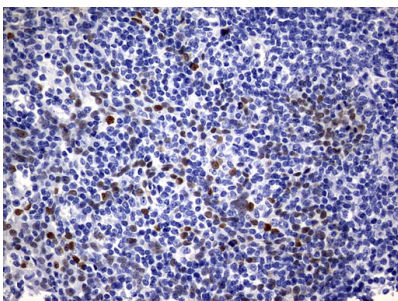
Western blot analysis of SOX9 using anti-SOX9 antibody (M00177-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat PC-12 whole cell lysates, Lane 2: rat C6 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-SOX9 antigen affinity purified monoclonal antibody (M00177-1) at 1:2000 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 SOX9 at approximately 56 kDa. The expected band size for SOX9 is at 56 kDa.



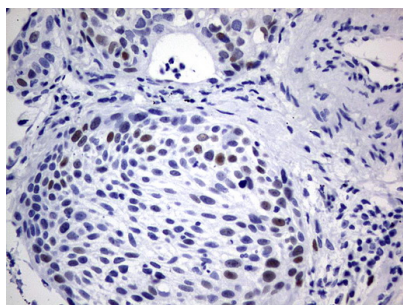
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SOX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-SOX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-SOX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SOX9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)

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