

Anti-SIRT5 Mouse Monoclonal Antibody [Clone ID: OTI2F1]

Catalog Number: M02395-1

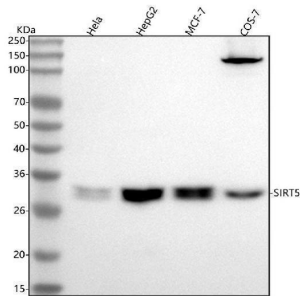
Overview

Product Name	Anti-SIRT5 Mouse Monoclonal Antibody [Clone ID: OTI2F1]
Reactive Species	Human, Monkey
Description	Boster Bio SIRT5 mouse monoclonal antibody, clone OTI2F1 (formerly 2F1). Catalog# M02395-1. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI2F1
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	Q9NXA8

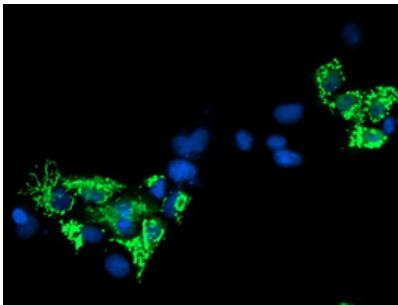
Technical Details

Immunogen	Full length human recombinant protein of human SIRT5 (NP_036373) produced in HEK293 cell.
Isotype	IgG1
Concentration	0.24 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 IF: 1:100 Flow cytometry: 1:100

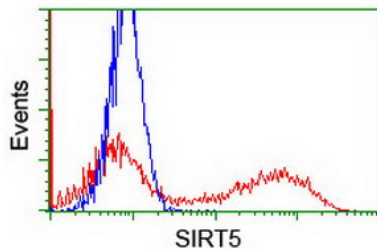
Anti-SIRT5 Mouse Monoclonal Antibody [Clone ID: OTI2F1] (M02395-1) Images



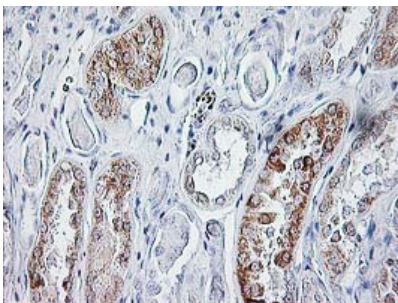
Western blot analysis of SIRT5 using anti-SIRT5 antibody (M02395-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HeLa whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human MCF-7 whole cell lysates, Lane 4: monkey COS-7 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-SIRT5 antigen affinity purified monoclonal antibody (Catalog # M02395-1) 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 SIRT5 at approximately 34 kDa. The expected band size for SIRT5 is at 34 kDa.



Anti-SIRT5 mouse monoclonal antibody (M02395-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SIRT5.



HEK293T cells transfected with either SIRT5 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SIRT5 antibody (M02395-1)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SIRT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

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