

Product datasheet for TA809834M

SIRT1 Mouse Monoclonal Antibody [Clone ID: OTI5B2]

Product data:

Clone Name:OTISB2Applications:HC, WBRecommended Diluto:WB 1:500-2000, HIC 1:2000Reactivity:Human, Mouse, RatHost:GouseIsotype:IgG1Clonality:MonoclonalUman recombinant protein fragment corresponding to amino acids 552-676 of human SIRT1 (NP_036370) produced in E.coli.Formulation:PSS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Pornification:Img/ImgPurification:UncoljugatedStorage:Storage acide fragment corresponding to amino acids 552-676Storage:Storage acide fragment corresponding to amino acide S52-676 of human clording 1% BSA, 50% glycerol and 0.02% sodium azide.Formulation:Img/ImgOrigidation:Img/ImgPurification:Storage acide fragment corresponding to amino acide S52-676 of human clording 1% BSA, 50% glycerol and 0.02% sodium azide.Forage:Img/ImgPurification:Img/ImgStorage:Img/ImgStorage:Storage acide fragment fragment corresponding to amino acide fragment (protein A/G)Forage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/ImgStorage:Img/Img<	Product Type:	Primary Antibodies
RecordWB 1:500-2000, IHC 1:2000Reactivity:Human, Mouse, RatHost:MouseIsotype:IgG1Clonality:MonoclonalImmunogen:Human recombinant protein fragment corresponding to amino acids 552-676 of human SIRT1 (NP_036370) produced in E.coli.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:1 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:UnconjugatedStorage:Stole for 12 months from date of receipt.Predicted Protein Size:Stole for 12 months from date of receipt.Predicted Protein Size:NP_036370 Entrez Gene 33759 MouseEntrez Gene 309757 RatEntrez Gene 23411 Human OGEBEStonage:NP_036370 Entrez Gene 33759 MouseEntrez Gene 309757 RatEntrez Gene 23411 Human OGEBEStonage:IR2; SIR2alpha; SIR2L1	Clone Name:	OTI5B2
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Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors	Synonyms:	SIR2; SIR2alpha; SIR2L1
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Product images:

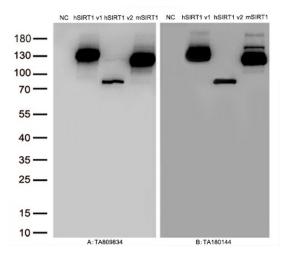
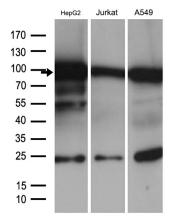
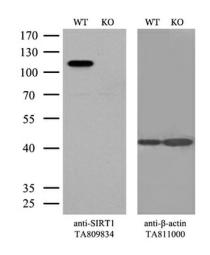


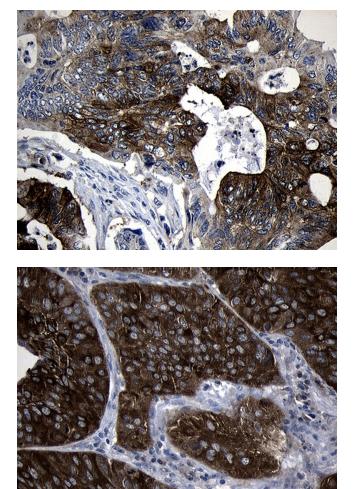
Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human SIRT1 plasmid ([RC218134], hSIRT1 v1), human SIRT1 plasmid ([RC227720], hSIRT1 v2), mouse SIRT1 plasmid ([MR227263], mSIRT1) using anti-SIRT1 antibody [TA809834] (1:5000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:5000).



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-SIRT1 monoclonal antibody (1:500).

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Equivalent amounts of cell lysates (10 ug per lane) of wild-type Hela cells (WT, Cat# LC810HELA) and SIRT1-Knockout Hela cells (KO, Cat# [LC810336]) were separated by SDS-PAGE and immunoblotted with anti-SIRT1 monoclonal antibody [TA809834]. Then the blotted membrane was stripped and reprobed with antib-actin antibody ([TA811000]) as a loading control (1:500).



Immunohistochemical staining of paraffinembedded Adenocarcinoma of Human colon tissue using anti-SIRT1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Carcinoma of Human lung tissue using anti-SIRT1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

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