

Mouse SirT2 Monoclonal Antibody | anti-SirT2 antibody

SirT2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320325	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SirT2; Monoclonal Antibody; SirT2 Mouse mAb; FLJ35621; FLJ37491; NAD dependent deacetylase sirtuin 2; NAD-dependent deacetylase sirtuin-2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; Silencing information regulator 2 like; Silent information regulator 2; Silent mating type information regulation 2; Silent mating type information regulation 2 homolog; SIR 2; SIR2; SIR2 like; SIR2 like protein 2; Sir2 related protein type 2; S. cerevisiae; homolog-loke 2; SIR2-like protein 2; SIR2L; SIR2L2; SIRT 2; SIRT2; SIRT2_HUMAN; Sirtuin (silent mating type information regulation 2 homolog) 2 (S.cerevisiae); Sirtuin 2; Sirtuin type 2; Sirtuin2.; anti-SirT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of SirT2 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SirT2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human SirT2 protein expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol at -20° and using SirT2 (200474.dilution 1:50) mouse mAb (green) and Histone H3.1 (Phospho-Ser10)(310045.dilution 1:200) Rabbit pAb (red).



WB (Western Blot)

Western blot detection of SirT2 in PC-12, Rat Brain and Mouse Brain cell lysates using SirT2 mouse mAb (1:1000 diluted). Predicted band size: 39.43KDa. Observed band size:39.43KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SirT2 antibody	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity.The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]
Product Categories/Family for anti-SirT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	300797705
NCBI GeneID	22933
NCBI Accession #	NP_001180215.1
NCBI GenBank Nucleotide #	NM_001193286.1
UniProt Accession #	Q8IXJ6; O95889; Q924Y7; Q9P0G8; Q9UNT0; Q9Y6E9; A8K3V1; B2RB45
Molecular Weight	43,182 Da
NCBI Official Full Name	NAD-dependent protein deacetylase sirtuin-2 isoform 3
NCBI Official Synonym Full Names	sirtuin 2
NCBI Official Symbol	SIRT2
NCBI Official Synonym Symbols	SIR2; SIR2L; SIR2L2
NCBI Protein Information	NAD-dependent protein deacetylase sirtuin-2; sirtuin type 2; SIR2-like protein 2; sir2-related protein type 2; silent information regulator 2; regulatory protein SIR2 homolog 2; NAD-dependent deacetylase sirtuin-2
UniProt Protein Name	NAD-dependent protein deacetylase sirtuin-2
UniProt Gene Name	SIRT2
UniProt Synonym Gene Names	SIR2L; SIR2L2
UniProt Entry Name	SIR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sirt2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320325>