

Product datasheet for TA385246S

SIRT2 Mouse Monoclonal Antibody [Clone ID: 1D4-H11-H11]

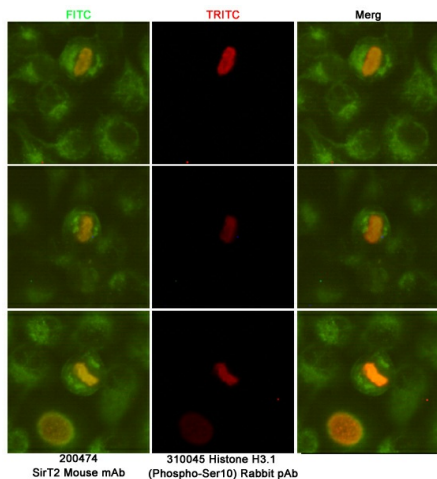
Product data:

Product Type:	Primary Antibodies
Clone Name:	1D4-H11-H11
Applications:	IF, WB
Recommended Dilution:	WB: 1/1000 ICC: 1/100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified recombinant human SirT2 protein expressed in E.coli.
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	43kDa
Gene Name:	sirtuin 2
Database Link:	Entrez Gene 22933 Human Q8IXJ6
Background:	Swiss-Prot Acc.Q8IXJ6.Participate in a variety of cellular functions, including histone deacetylation, gene silencing, chromosomal stability, and aging. SIRT2, a human homolog of the yeast SIR2, functions as transcriptional silencing mediator at mating-type loci, telomeres and ribosomal gene clusters. SIRT2 expression increases dramatically during mitosis and is multiply phosphorylated at the G(2)/M transition of the cell cycle.
Synonyms:	SIR2; SIR2-like; SIR2L; SIR2L2

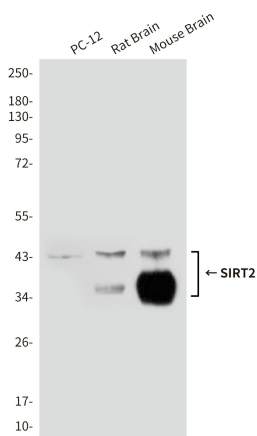


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Product images:



Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol at -20°C and using SirT2 ([TA385246], dilution 1:50) mouse mAb (green) and Histone H3.1 (Phospho-Ser10) (310045, dilution 1:200) Rabbit pAb (red).



Western blot analysis of SirT2 in PC-12, rat Brain and mouse Brain lysates using SirT2 antibody.