

## Anti-SIRT1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012286

### Product Information

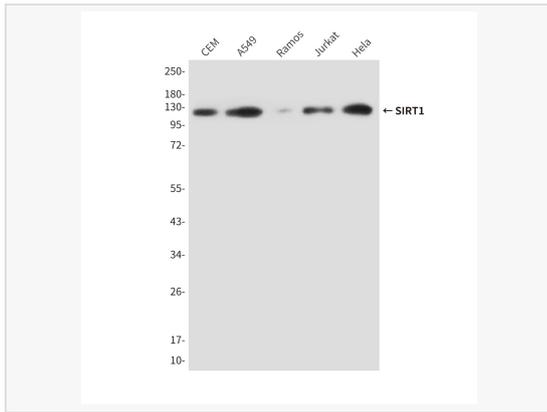
Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	19M55L78
Isotype	IgG2b
Label	Unconjugated
Immunogen	Purified recombinant human SIRT1 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SIRT1 antibody [19M55L78] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

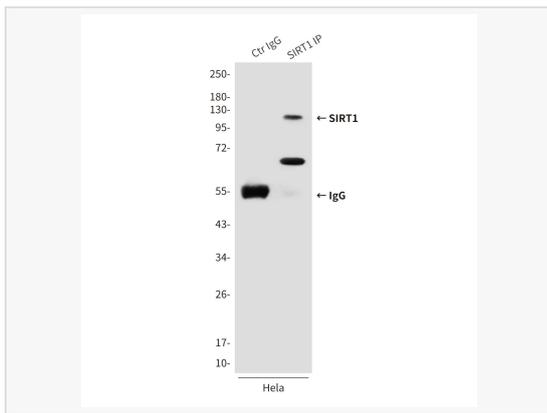
Synonyms	SIRT1, SIR2L1, NAD-dependent protein deacetylase sirtuin-1, hSIRT1, Regulatory protein SIR2 homolog 1, SIR2-like protein 1, hSIR2.
Calculated MW	Calculated MW: 82 kDa; Observed MW: 120 kDa
Uniprot ID	Q96EB6
Gene ID	23411
Background	This gene encodes a member of the sirtuin family of proteins, 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.

## Validation Images

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Western blot analysis of SIRT1 in HeLa, Jurkat, Ramos, A549 and CEM lysates using SIRT1 antibody [19M55L78].



Immunoprecipitation analysis of SIRT1 in HeLa lysates using SIRT1 antibody [19M55L78].