

Product Name: SIRT1 (2G10) Mouse Monoclonal Antibody
Catalog #: AMM03526

Summary

Production Name	SIRT1 (2G10) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	SIRT1
Alternative Names	SIRT1; SIR2L1; NAD-dependent protein deacetylase sirtuin-1; hSIRT1; Regulatory protein SIR2 homolog 1; SIR2-like protein 1; hSIR2
Gene ID	23411
SwissProt ID	Q96EB6.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 82 kDa; Observed MW: 120 kDa

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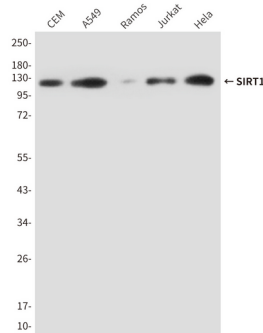
Background

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.

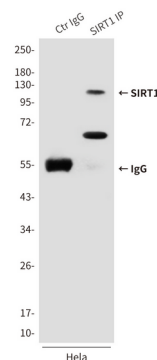
Research Area

Cell Biology

Image Data



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



Immunoprecipitation analysis of SIRT1 (2G10) in HeLa lysates using SIRT1 antibody.

Note

For research use only.