

SIRT1 (2G10) MOUSE MAB

Cat.#: N261128

Product Name: Anti-SIRT1 (2G10) Mouse Monoclonal Antibody

Synonyms: SIRT1; SIR2L1; NAD-dependent protein deacetylase sirtuin-1; hSIRT1; Regulatory protein SIR2 homolog 1; SIR2-like protein 1; hSIR2

UNIPROT ID: Q96EB6

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.

Immunogen: Purified recombinant human SIRT1 protein fragments expressed in E.coli.

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 2G10-F4-D9

MW: Calculated MW: 82 kDa; Observed MW: 120 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human

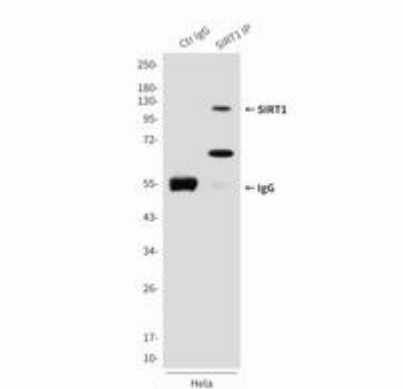
Conjugation: Unconjugated

Modification: Unmodified

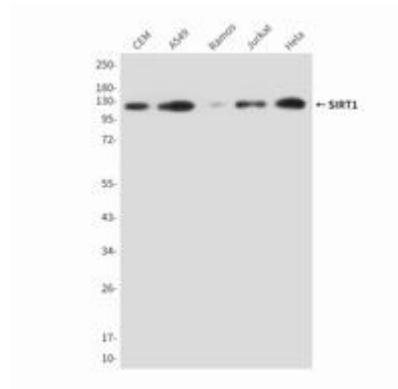
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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