

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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.

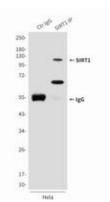
Immunogen: Purified recombinant human SIRT1 protein fragments expressed in E.coli.

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

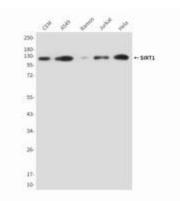


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Immunoprecipitation analysis of SIRT1 (2G10) in Hela lysates using SIRT1 antibody.



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