

## SIRT6 (6C9) MOUSE MAB

**Cat.#:** N261411

**Product Name:** Anti-SIRT6 (6C9) Mouse Monoclonal Antibody

**Synonyms:** 2810449N18Rik; AI043036; Mono ADP ribosyltransferase sirtuin 6; NAD-dependent protein deacetylase sirtuin-6; Regulatory protein SIR2 homolog 6; Regulatory protein SIR2 homolog; SIR2 like 6; SIR2 like protein 6; Sir2 related protein type 6; SIR2-like protein 6; SIR2

**UNIPROT ID:** Q8N6T7

**Background:** The Silent Information Regulator (Sir2) family of genes is a highly conserved group of genes that encode nicotinamide adenine dinucleotide (NAD)-dependent protein deacetylases, also known as class III histone deacetylases. SirT6, a mammalian homolog of Sir2, is a nuclear, chromatin-associated protein that promotes the normal maintenance of genome integrity mediated by the base excision repair (BER) pathway.

**Immunogen:** Purified recombinant human SIRT6 protein expressed in E.coli.

**Applications:** WB,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 6C9-D10-D3

**MW:** Calculated MW: 39 kDa; Observed MW: 42 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat,Monkey

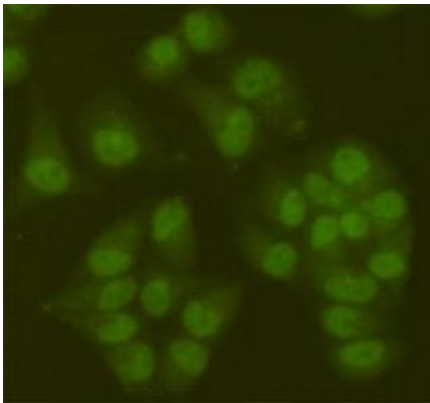
**Conjugation:** Unconjugated

**Modification:** Unmodified

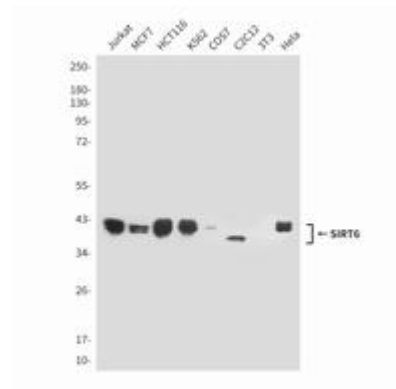
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics,Histone Acetylation

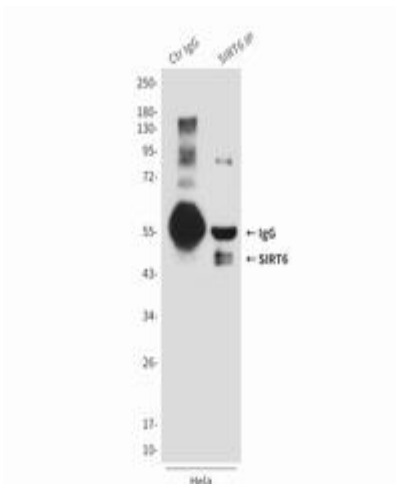
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of SIRT6 (6C9) in HeLa using SIRT6 antibody.



Western blot analysis of SIRT6 (6C9) in Jurkat, MCF-7, HCT116, K562, COS7, C2C12, 3T3 and HeLa lysates using SIRT6 antibody.



Immunoprecipitation analysis of SIRT6 (6C9) in HeLa lysates using SIRT6 antibody.