

Anti-SIRT6 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012982

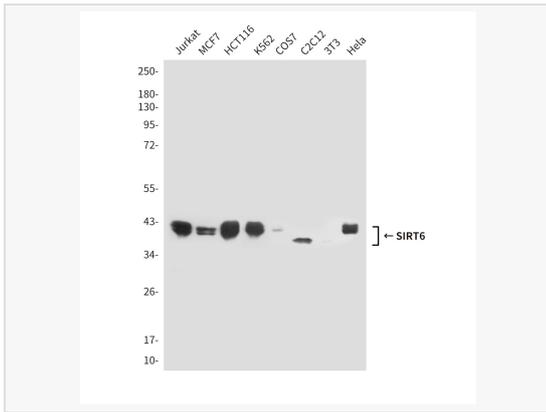
Product Information

Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse (Cell), Rat, Monkey
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	33K17L72
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human SIRT6 protein 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-SIRT6 antibody [33K17L72] is for research use only and not for use in diagnostic or therapeutic procedures.

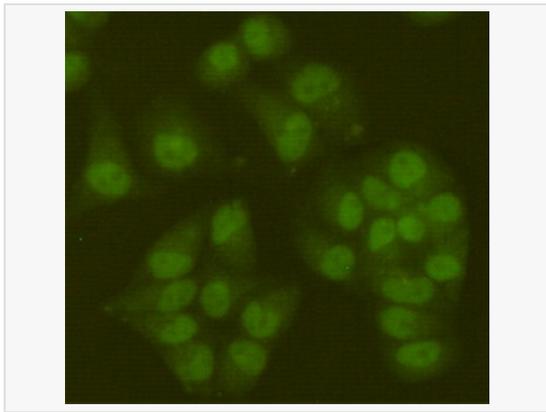
Protein Information

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.
Calculated MW	Calculated MW: 39 kDa; Observed MW: 42 kDa
Uniprot ID	Q8N6T7
Gene ID	51548
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.

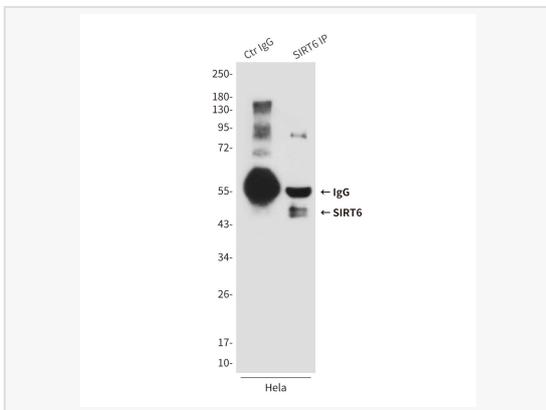
Validation Images



Western blot analysis of SIRT6 in Jurkat, MCF-7, HCT116, K562, COS7, C2C12, 3T3 and HeLa lysates using SIRT6 antibody [33K17L72].



Immunofluorescence analysis of SIRT6 in HeLa using SIRT6 antibody [33K17L72].



Immunoprecipitation analysis of SIRT6 in HeLa lysates using SIRT6 antibody [33K17L72].