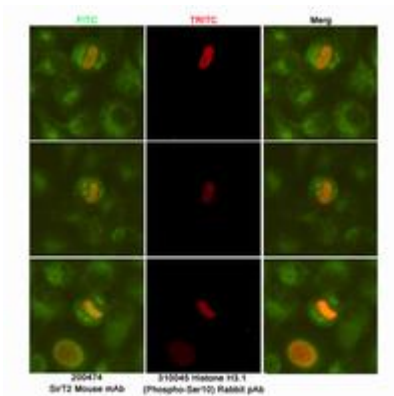
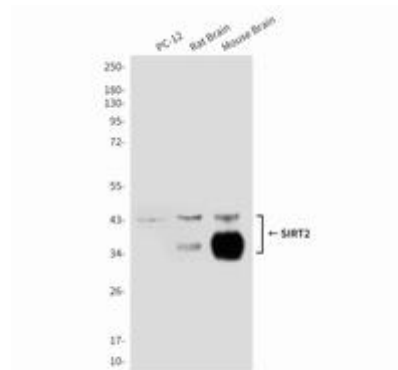


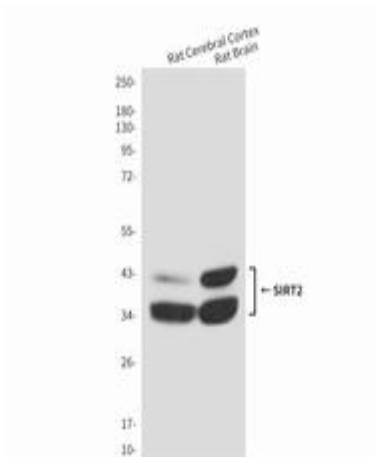
**SIRT2 (1D4) MOUSE MAB****Cat.#:** N261038**Product Name:** Anti-SIRT2 (1D4) Mouse Monoclonal Antibody**Synonyms:** SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2**UNIPROT ID:** Q8IXJ6**Background:** Participate in a variety of cellular functions, including histone deacetylation, gene silencing, chromosomal stability, and aging. SIRT2, a human homolog of the yeast SIR2, functions as transcriptional silencing mediator at mating-type loci, telomeres and ribosomal gene clusters. SIRT2 expression increases dramatically during mitosis and is multiply phosphorylated at the G(2)/M transition of the cell cycle.**Immunogen:** Purified recombinant human SirT2 protein expressed in E.coli.**Applications:** WB,ICC/IF**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200**Host Species:** Mouse**Clonality:** Mouse Monoclonal**Clone ID:** 1D4-H11-H11**MW:** Calculated MW: 43 kDa; Observed MW: 43 kDa**Isotype:** IgG2b**Purification:** Affinity Purified**Species Reactivity:** Human,Mouse,Rat**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 and Nuclear Signaling**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of SIRT2 (ID4) in HeLa using SirT2 antibody (green) and Histone H3.1 (Phospho-Ser10) (310045) antibody (red).



Western blot analysis of SirT2 in PC-12, rat Brain and mouse Brain lysates using SirT2 antibody.



Western blot analysis of SIRT2 (ID4) in rat Cerebral Cortex and rat Brain lysates using SirT2 antibody.