bsm-52221R

[Primary Antibody]

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SIRT2 Recombinant Rabbit mAb

DATASHEET

Host: Rabbit Isotype: IgG Clonality: Recombinant CloneNo.: 4G12 GeneID: 22933 SWISS: Q8IXJ6

Target: SIRT2

Immunogen: A synthesized peptide derived from human SIRT2: 1-28.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]

Applications: WB (1:500-2000)

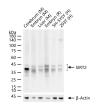
IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse, Rat

Predicted 36 kDa

Subcellular Cytoplasm Location:

VALIDATION IMAGES -



25 ug total protein per lane of various lysates (see on figure) probed with SIRT2 monoclonal antibody, unconjugated (bsm-52221R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SIRT2 Monoclonal Antibody, Unconjugated (bsm-52221R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min: The section was incubated with SIRT2 Monoclonal Antibody, Unconjugated (bsm-52221R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.