

Product datasheet for **TA347046**

SIRT6 Mouse Monoclonal Antibody [Clone ID: 1B5-G10-H9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B5-G10-H9
Applications:	WB
Recommended Dilution:	WB: 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for SIRT6 antibody: purified recombinant human SIRT6 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.02% sodium azide,50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	sirtuin 6
Database Link:	NP_057623 Entrez Gene 51548 Human Q8N6T7

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 IV of the sirtuin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

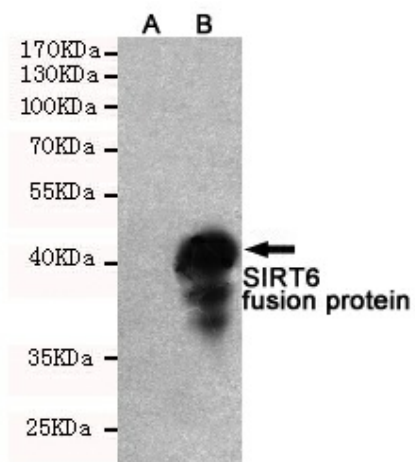


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Synonyms: SIR2L6

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis of extracts from CHO-K1 cells, transfected with pcDNA3.1-FLAG vector (A) or transfected with pcDNA3.1-FLAG-SIRT6 construct (B), using SIRT6 mouse mAb (1:500 diluted).