



Mouse anti-Human SIRT7 monoclonal antibody [Biotin] (CABT-B9545)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	2-367 of 400 of SIRT7 Protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Purification	Protein A
Conjugate	Biotin
Applications	IM
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS
Preservative	0.09% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction	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
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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. [provided by RefSeq, Jul 2008]

Keywords	SIRT7; sirtuin 7; SIR2L7; NAD-dependent protein deacetylase sirtuin-7; sirtuin type 7; SIR2-like protein 7; sir2-related protein type 7; regulatory protein SIR2 homolog 7; NAD-dependent deacetylase sirtuin-7; silent mating type information regulation 2, <i>S.cerevisiae</i> , homolog 7;
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GENE INFORMATION

Entrez Gene ID [51547](#)

UniProt ID [Q9NRC8](#)