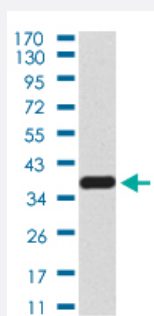


SIRT6 monoclonal antibody, clone 2G1E8

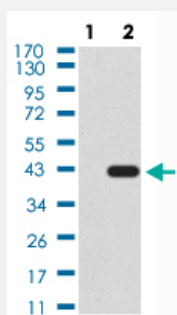
Catalog # MAB17291 Size 100 ug

Applications



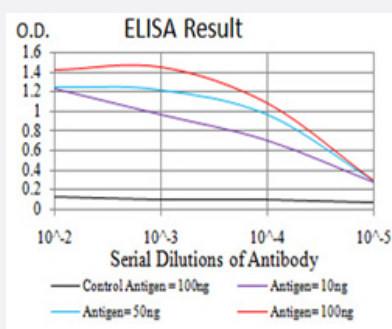
Western Blot

Western Blot analysis of human SIRT6 recombinant protein.



Western Blot

Western Blot analysis of (1) HEK293 cells, (2) SIRT6-hlgGfC transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SIRT6 monoclonal antibody.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human SIRT6.

Immunogen

Recombinant protein corresponding to amino acids 141-250 of human SIRT6 from *E. coli*.

Host	Mouse
Theoretical MW (kDa)	39.1
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of human SIRT6 recombinant protein.

- Western Blot

Western Blot analysis of (1) HEK293 cells, (2) SIRT6-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SIRT6 monoclonal antibody.

Gene Info — SIRT6

Entrez GeneID	51548
Gene Name	SIRT6
Gene Alias	SIR2L6
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae)
Omim ID	606211

Gene Ontology[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

sir2-related protein type 6|sirtuin 6|sirtuin type 6