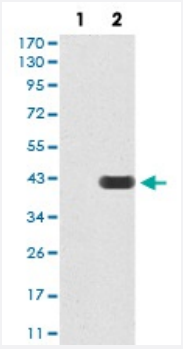
SIRT7 monoclonal antibody, clone 1E2B2

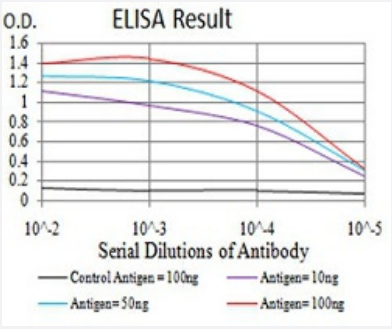
Catalog # MAB17132 Size 100 ug

Applications



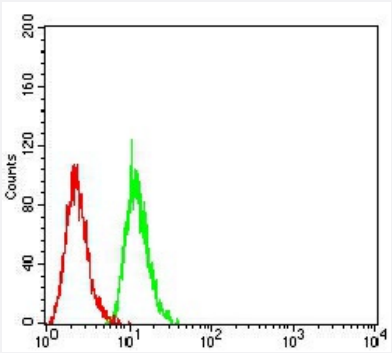
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) SIRT7-hIgGFc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SIRT7 monoclonal antibody, clone 1E2B2.



Flow Cytometry

Flow cytometric analysis of HeLa cells with SIRT7 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human SIRT7.

Immunogen	Recombinant protein corresponding to amino acid 1-105 of human SIRT7 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	44.9kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of SIRT7 monoclonal antibody, clone 1E2B2.

- Flow Cytometry

  Flow cytometric analysis of HeLa cells with SIRT7 monoclonal antibody (green) and negative control (red).

Gene Info — SIRT7

Entrez GeneID	51547
Gene Name	SIRT7
Gene Alias	MGC126840, MGC126842, SIR2L7

Gene Description	sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae)
Omim ID	606212
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 cla sses. The functions of human sirtuins have not yet been determined; however, yeast sirtuin protein s 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-ri bosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin fa mily. [provided by RefSeq
Other Designations	silent mating type information regulation 2, S.cerevisiae, homolog 7|sir2-related protein type 7|sirt uin 7|sirtuin type 7