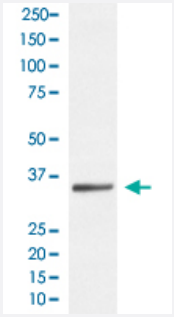
SIRT5 monoclonal antibody, clone HHE-19

Catalog # MAB20712 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with SIRT5 monoclonal antibody, clone HHE-19 (Cat # MAB20712).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SIRT5.
Immunogen	A synthetic peptide corresponding to human SIRT5.
Host	Rabbit
Theoretical MW (kDa)	33.881
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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 (Cell lysate)

  Western Blot analysis of HeLa cell lysate with SIRT5 monoclonal antibody, clone HHE-19 (Cat # MAB20712).

Gene Info — SIRT5

Entrez GeneID	23408
Protein Accession#	Q9NXA8
Gene Name	SIRT5
Gene Alias	FLJ36950, SIR2L5
Gene Description	sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)
Omim ID	604483
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 III of the sirtuin fam ily. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq
Other Designations	OTTHUMP00000016054|OTTHUMP00000016055|silent mating type information regulation 2, S. cerevisiae, homolog 5|sir2-like 5|sirtuin 5|sirtuin type 5

Disease

- Genetic Predisposition to Disease
- Schizophrenia