

Summary

Production Name	SIRT3 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	SIRT3
Alternative Names	SIR2L3
Gene ID	23410.0
SwissProt ID	Q9NTG7.Purified recombinant fragment of human SIRT3 (AA: 155-290) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	43.6kDa

Background

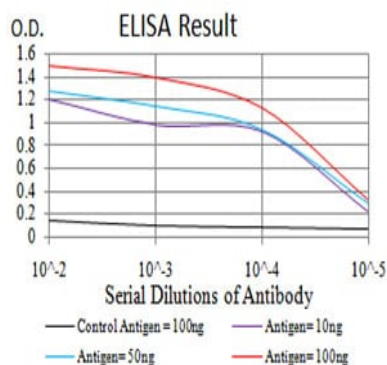
Product Name: SIRT3 Mouse Monoclonal Antibody
Catalog #: AMM81592



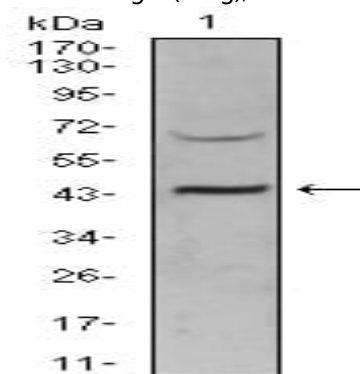
This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known 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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.

Research Area

Image Data

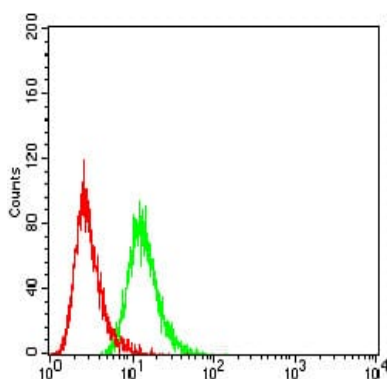


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using SIRT3 mouse mAb against PANC-1 (1) cell lysate.

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Flow cytometric analysis of HeLa cells using SIRT3 mouse mAb (green) and negative control (red).

Note

For research use only.