

Anti-SIRT1 antibody [1F3] (STJ98380)

STJ98380

GENERAL INFORMATION

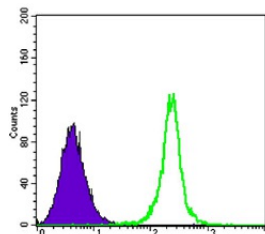
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Nad-Dependent Protein Deacetylase Sirtuin-1 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Monkey

PRODUCT PROPERTIES

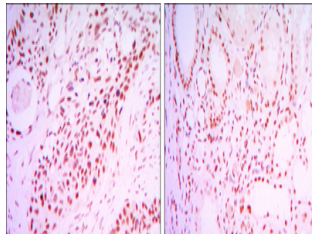
Clonality	Monoclonal
Clone ID	1F3
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

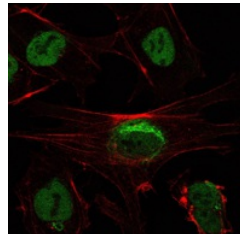
Gene ID	23411
Gene Symbol	SIRT1
Uniprot ID	SIR1_HUMAN
Immunogen	Purified recombinant fragment of human SIRT1 expressed in E.coli.
Immunogen Region	
Specificity	SIRT1 monoclonal antibody (Nad-Dependent Protein Deacetylase Sirtuin-1) binds to endogenous Nad-Dependent Protein Deacetylase Sirtuin-1.
Immunogen Sequence	



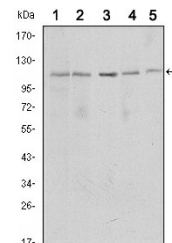
Flow cytometric analysis of K562 cells using SIRT1 monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded lung cancer tissues (left) and kidney cancer tissues (right) with DAB staining using SIRT1 monoclonal antibody.



Immunofluorescence analysis of NTERA-2 cells using SIRT1 monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using SIRT1 monoclonal antibody against MCF-7 (1), Jurkat (2), HeLa (3), HEK293 (4) and A549 (5) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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