

## Anti-SIRT1 antibody [2G10-F4-D9] (STJ99238)

STJ99238

### GENERAL INFORMATION

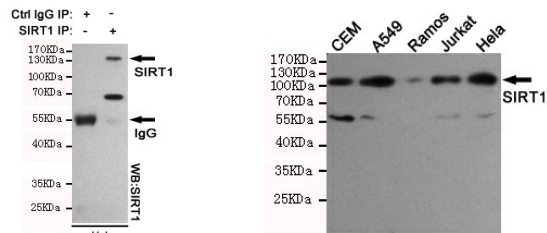
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Nad-Dependent Protein Deacetylase Sirtuin-1 is suitable for use in Western Blot and Immunoprecipitation research applications.
<b>Applications</b>	WB, IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	2G10-F4-D9
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG2b
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

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



Immunoprecipitation analysis of HeLa cell lysates using SIRT1 mouse mAb.

Western blot detection of SIRT1 in HeLa, Jurkat, Ramos, A549 and CEM cell lysates using SIRT1 mouse mAb (1:1000 diluted). Predicted band size: 120kDa. Observed band size: 120kDa.