

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

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 and Immunoprecipitation research applications. Applications WB, IP

Host/Source Mouse Reactivity Human

PRODUCT PROPERTIES

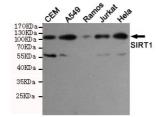
Clonality Monoclonal Clone ID 2G10-F4-D9 Concentration 1 mg/mL Conjugation Unconjugated Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. Dilution Range WB 1:1000 Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium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

TARGET INFORMATION

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

Deacetvlase Sirtuin-1. Immunogen Sequence

Ctrl IgG IP: SIRT1 IP:	+ -	-+	
170KDa- 130KDa- 100KDa- 70KDa-		-	SIRT1
55KDa - 40KDa -	-	-	IgG
35KDa - 25KDa -			WB:SIRT
Hela			



Immunoprecipitation analysis of Hela cell lysates using SIRT1 mouse mAb.

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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.
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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. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081