

Product Datasheet

Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free NBP2-80949

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80949

Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free

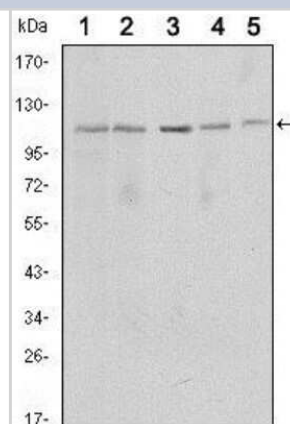
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F3
Preservative	No Preservative
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	120 kDa

Product Description	
Description	Novus Biologicals Mouse Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free (NBP1-51641) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23411
Gene Symbol	SIRT1
Species	Human, Mouse, Rat, Primate, Rabbit
Immunogen	Purified recombinant fragment of human SIRT1 (amino acids: 265-452) expressed in E. coli. [UniProt# Q96EB6]

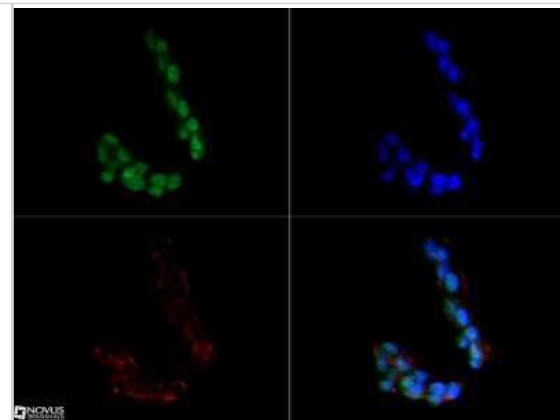
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1 ug per million cells, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, Flow (Intracellular), Immunohistochemistry Free-Floating reported in scientific literature (PMID 26327687), CyTOF-ready

Images

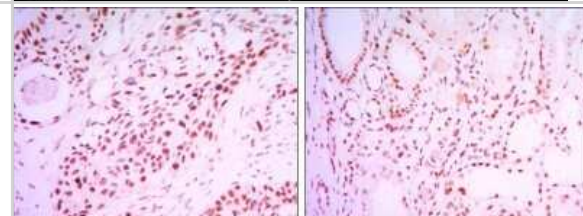
Western Blot: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - Western blot analysis using SIRT1 mouse mAb against MCF-7 (1), Jurkat (2), Hela (3), HEK293 (4) and A549 (5) cell lysates. Image from the standard format of this antibody.



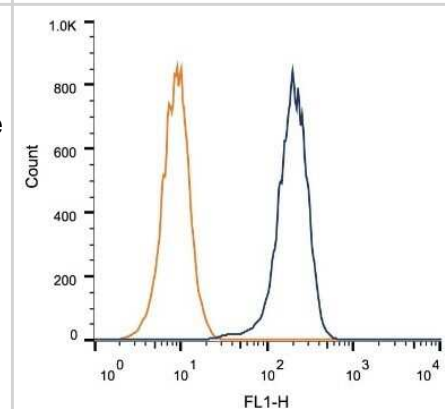
Immunocytochemistry/Immunofluorescence: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - SIRT1 antibody was tested at 1:10 in Ntera2 cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image objective 40x. Image from the standard format of this antibody.



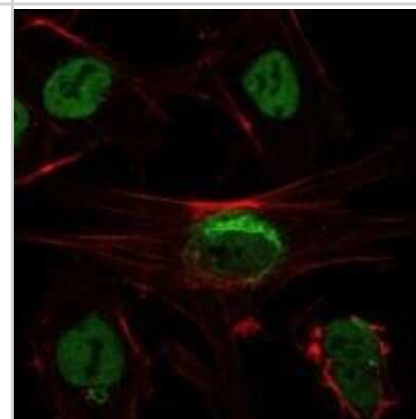
Immunohistochemistry: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - Immunohistochemical analysis of paraffin-embedded lung cancer tissues (left) and kidney cancer tissues (right) using SIRT1 mouse mAb with DAB staining. Image from the standard format of this antibody.



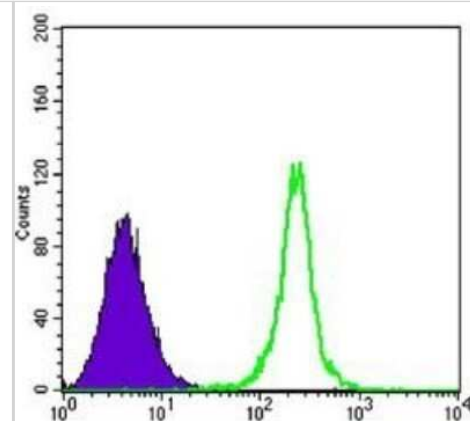
Flow Cytometry: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - Intracellular flow cytometric staining of 1×10^6 HEK-293 cells using SIRT1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - Analysis of NTERA-2 cells using SIRT1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Image from the standard format of this antibody.



Flow Cytometry: Sirtuin 1/SIRT1 Antibody (1F3) - Azide and BSA Free [NBP2-80949] - Flow cytometric analysis of K562 cells using SIRT1 mouse mAb (green) and negative control (purple). Image from the standard format of this antibody.





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Products Related to NBP2-80949

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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