Product Datasheet

SUMO1 Antibody (SPM571) [Biotin]
NBP2-34805B

Unit Size: 0.1 ml

Store at 4C in the dark.

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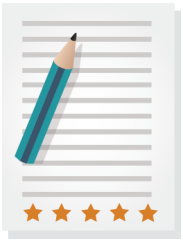

NBP2-34805B

SUMO1 Antibody (SPM571) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM571
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	7341
Gene Symbol	SUMO1
Species	Human
Reactivity Notes	Shows broad species reactivity.
Specificity/Sensitivity	This monoclonal antibody is specific to SUMO-1 and shows no cross-reaction with either SUMO-2 or SUMO-3. The small ubiquitin-related modifier (SUMO) proteins, which include SUMO-1, SUMO-2 and SUMO-3, belong to the ubiquitin-like protein family. Like ubiquitin, the SUMO proteins are synthesized as precursor proteins that undergo processing before conjugation to target proteins. Also, both utilize the E1, E2, and E3 cascade enzymes for conjugation. However, SUMO and ubiquitin differ with respect to targeting. Ubiquitination predominantly targets proteins for degradation, whereas sumoylation targets proteins to a variety of cellular processing, including nuclear transport, transcriptional regulation, apoptosis and protein stability. The unconjugated SUMO-1 protein localizes to the nuclear membrane.
Immunogen	Recombinant human SUMO1 protein (Uniprot: P63165)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready

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Products Related to NBP2-34805B

NBP2-29370	Streptavidin Native Protein
IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
NBP2-54916PEP	SUMO1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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