

Product Datasheet

SUMO1 Antibody (SPM571) [HRP] NBP2-34805H

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34805H

SUMO1 Antibody (SPM571) [HRP]

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	No Preservative
Isotype	IgG1 Kappa
Conjugate	HRP
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	7341
Gene Symbol	SUMO1
Species	Human
Reactivity Notes	Shows broad species reactivity.
Specificity/Sensitivity	This MAb 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
Notes	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.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



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Products Related to NBP2-34805H

NBP2-61605H	Mouse IgG1 Isotype Control (11711) [HRP]
NBC1-22937	Recombinant Human SUMO1 Protein
210-TA-005/CF	TNF-alpha [Unconjugated]
UL-702-050	SUMO1 [Vinyl Sulfone]

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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