

Cat. No:	MABN21347
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	A synthetic peptide of human Sumo 1
Reactivity:	Human,Mouse,Rat,
Applications:	WB 1:2000-1:10000,IHC 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight:	Calculated MW:12kD;Observed MW:80kD
Purification:	Protein A
Synonyms:	SUMO1;SMT3C;SMT3H3;UBL1;OK/SW-cl.43;Small ubiquitin-related modifier 1;SUMO-1;GAP-modifying protein 1;GMP1;SMT3 homolog 3;Sentrin;Ubiquitin-homology domain protein PIC1;Ubiquitin-like protein SMT3C;Smt3C;Ubiquitin-like protein
Background:	Cell localization:Cytoplasm, Nucleus.This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008],
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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