

Product Name: SUMO2/3 (3F7) Mouse Monoclonal Antibody
Catalog #: AMM03691



Summary

Production Name	SUMO2/3 (3F7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	SUMO2/SUMO3
Alternative Names	SUMO2; HSMT3; SMT3 homolog 2; SMT3A; Sentrin 2; Smt3B; SMT3H2; SUMO-2; SUMO-3; Sentrin-2; Ubiquitin-like protein SMT3A; Ubiquitin-like protein SMT3B
Gene ID	6613/6612
SwissProt ID	P61956/P55854

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 11 kDa; Observed MW: Refer to figures

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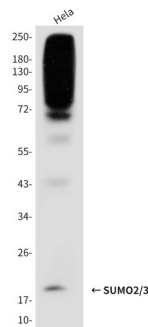
Background

SUMO proteins, such as Sumo 2 and Sumo 3, post-translationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. Sumo 2 and Sumo 3 are highly homologous, hence it is very difficult to produce antibodies which distinguish them.

Research Area

Cell Biology

Image Data



Western blot analysis of SUMO2/3 in HeLa lysates using SUMO2/3 antibody.

Note

For research use only.