
Product Name: SUMO1 Mouse Monoclonal Antibody**Catalog #: AMM85986**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:100-1:500,ICC 1:25-1:50,FC 1:25-1:50
Molecular Weight	11.6kDa

Antigen Information

Gene Name	SUMO1 Small ubiquitin-related modifier 1, SUMO-1, GAP-modifying protein 1, GMP1, SMT3
Alternative Names	homolog 3, Sentrin, Ubiquitin-homology domain protein PIC1, Ubiquitin-like protein SMT3C, Smt3C, Ubiquitin-like protein UBL1, SUMO1, SMT3C, SMT3H3, UBL1
Gene ID	7341.0
SwissProt ID	P63165
Immunogen	Purified recombinant GST-SUMO1 fusion protein was used as immunogen.

Background

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.

Research Area

Image Data

All lanes : Anti-SUMO1 Antibody at 1:4000 dilution

