

## SUMO1

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:**12 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human SUMO1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A11230

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**7341

**Isotype:**IgG

**Swiss Prot:**P63165

**Purity:**Affinity purification

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