Leader in Biomolecular Solutions for Life Science

# **SUMO1** Rabbit mAb

Catalog No.: A11230 Recombinant



### **Basic Information**

### **Observed MW**

12kDa

### **Calculated MW**

12kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### **Applications**

WB,IHC-P,IF/ICC,IP,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

## **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.

## **Recommended Dilutions**

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	1:20 - 1:50

## Immunogen Information

Gene ID	Swiss Prot
7341	P63165

#### **Immunogen**

A synthetic peptide of human SUMO1

#### Synonym

DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3; SUMO1

### **Contact**

<b>♀</b>	www.abclonal.com
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## **Product Information**

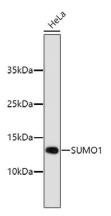
SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## **Validation Data**



Western blot analysis of lysates from HeLa cells, using SUMO1 Rabbit mAb (A11230). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.