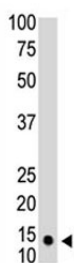


## SUMO1 Antibody [clone 66AT1320] (F40204)

| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F40204-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F40204-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                       |
| <b>Species Reactivity</b> | Human                                                   |
| <b>Format</b>             | Purified                                                |
| <b>Host</b>               | Mouse                                                   |
| <b>Clonality</b>          | Monoclonal (mouse origin)                               |
| <b>Isotype</b>            | Mouse IgG1                                              |
| <b>Clone Name</b>         | 66AT1320                                                |
| <b>Purity</b>             | Purified                                                |
| <b>UniProt</b>            | P63165                                                  |
| <b>Applications</b>       | Western Blot : 1:100-1:500                              |
| <b>Limitations</b>        | This SUMO1 antibody is available for research use only. |



The SUMO1 antibody used in western blot to detect SUMO1 in HL-60 cell lysate.  
Predicted molecular weight: 12-15 kDa

## Description

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.

## **Application Notes**

Titration of the SUMO1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

Purified recombinant protein was used as immunogen for this SUMO1 antibody.

## **Storage**

Aliquot the SUMO1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.