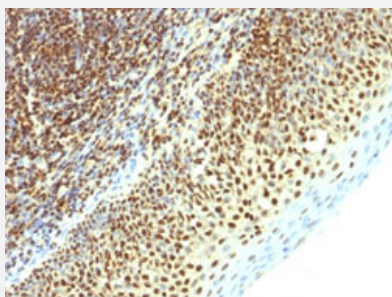


# SUMO2 monoclonal antibody, clone SPM621

Catalog # MAB13157      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with SUMO2 monoclonal antibody, clone SPM621 (Cat # MAB13157).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human SUMO2.
<b>Immunogen</b>	Recombinant protein corresponding to full length human SUMO2.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	11-13
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

## Storage Instruction

Store at 4°C.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with SUMO2 monoclonal antibody, clone SPM621 (Cat # MAB13157).

- Immunofluorescence

- Flow Cytometry

## Gene Info — SUMO2

## Entrez GeneID

[6613](#)

## Protein Accession#

[P55854](#)

## Gene Name

SUMO2

## Gene Alias

HSMT3, MGC117191, SMT3B, SMT3H2

## Gene Description

SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)

## Omim ID

[603042](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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 two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

## Other Designations

SMT3 suppressor of mif two 3 homolog 2|sentrin 2|small ubiquitin-like modifier 2, isoform a