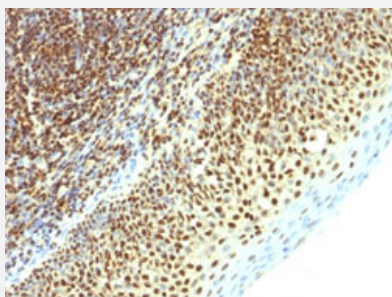


SUMO2 monoclonal antibody, clone SPM621

Catalog # MAB13158 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 # MAB13158).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human SUMO2.
Immunogen	Recombinant protein corresponding to full length human SUMO2.
Host	Mouse
Theoretical MW (kDa)	11-13
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ 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.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

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 # MAB13158).

- 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