

Product datasheet for **AM50100PU-S**

MALT1 Mouse Monoclonal Antibody [Clone ID: SPM578]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM578
Applications:	FC, IF, IHC, IP, WB
Recommended Dilution:	ELISA: Use Antibody without BSA for Coating. Flow Cytometry: 0.5-1 µg/10 ⁶ cells. Immunofluorescence: 1-2 µg/ml. Western Blot: 0.5-1 µg/ml. Immunoprecipitation: 1-2 µg/500 µg protein lysate. Immunohistochemistry on Frozen and Formalin-Fixed Paraffin Sections: 0.5-1 µg/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. Positive Control: Jurkat, Daudi or HeLa cells, or lymphoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human fragment of MALT1 protein (701-808).
Specificity:	Recognizes Human MALT1/Paracaspase. Other species not tested. Cellular Localization: Cytoplasmic.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.



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Predicted Protein Size: 93 kDa

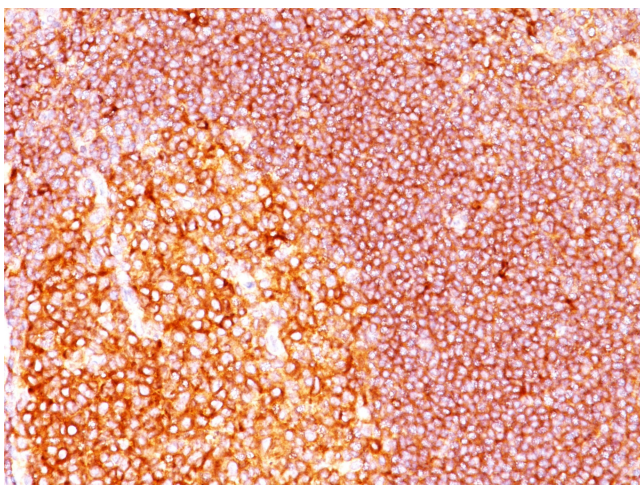
Gene Name: MALT1 paracaspase

Database Link: [Entrez Gene 10892 Human Q9UDY8](#)

Background: MALT1/Paracaspase (MALT1) was independently identified as a member of the human paracaspase family and an interacting partner of B-cell lymphoma (Uren et al., 2000). MALT1 is a caspase-like protein that contains an N-terminal death domain, two Ig-like domains, and a C-terminal caspase-like domain. It binds to Bcl-10 through its Ig-like domains and cooperates with Bcl-10 to activate NF-kappaB. MALT1 is thought to play an important role in NF-kappaB signaling by enhancing NF-kappaB activation through interaction with Bcl-10 (Ho et al., 2005). Interaction between MALT1 and Bcl-10 mediates IKK activation in vitro through facilitating the ubiquitination of NEMO by the ubiquitinconjugating enzyme UBC13.

Synonyms: Mucosa-associated lymphoid tissue lymphoma translocation protein 1, MLT, Paracaspase

Product images:



Formalin-Fixed, Paraffin-Embedded Human tonsil stained with MALT1 Antibody (Clone SPM578).