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## 36-1043: Monoclonal Antibody to MALT1 (MALT-Lymphoma Marker)(Clone: MT1/410)

Clonality: Monoclonal MT1/410 Clone Name: Application: WB.IHC Reactivity: Human Gene: MALT1 Gene ID: 10892 **Uniprot ID:** Q9UDY8 Format: Purified **Alternative Name:** MALT1,MLT Isotype: Mouse IgG1, kappa

Immunogen Information: Human MALT1 recombinant fragment (aa701-808)

## **Description**

Mucosa associated lymphoid tissue lymphoma translocation gene 1 (MALT1) is found in extranodal low-grade B cell lymphomas. MALT1 encodes two Ig-like C2-type domains and fuses with an API2 gene, which is highly expressed in adult lymphoid tissue. The translocation of this MALT1 gene, which maps to human chromosome 18q21, and the apoptosis-inhibiting API2 gene results in an increased development of MALT lymphomas and apoptosis inhibition. Sites at which this API2-MALT1 (11;18)(q21;q21) translocation commonly occurs are within human lung and kidney tissue. MALT lymphoma expresses nuclear Bcl10, which mediates the oligomerization and activation of a MALT1 caspase-like domain. MALT1 mRNA is found in pre-B cells, mature B cells and plasma cells.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

Storage condition:

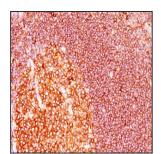
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Western Blot (1-2ug/ml);Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) ,(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

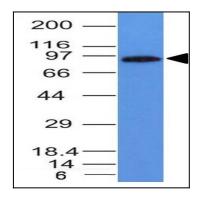


Formalin-fixed, paraffin-embedded human Tonsil stained with MALT1 Monoclonal Antibody (MT1/410)



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Western Blot Analysis of Daudi Cell Lysate using MALT1 Monoclonal Antibody (MT1/410)