Datasheet for ABIN3025292

anti-MALT1 antibody (AA 701-808)

2 Images

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Overview

Quantity:	100 µg
Target:	MALT1
Binding Specificity:	AA 701-808
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MALT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A recombinant fragment (aa 701-808) was used as the immunogen for this antibody.
Clone:	MT1-410
Isotype:	IgG1 kappa
Purification:	Protein G purified monoclonal antibody

Target Details

Target:	MALT1
Alternative Name:	MALT1 (MALT1 Products)
Background:	Mucosa associated lymphoid tissue lymphoma translocation gene 1 is found in extranodal low-

Target Details

	grade B cell lymphomas. It encodes two Ig-like C2-type domains and fuses with an API2 gene, which is highly expressed in adult lymphoid tissue. The translocation of the 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 < a href=../search_result.php?search_txt=bcl10>Bcl10, which mediates the oligomerization and activation of a caspase-like domain. MALT1 mRNA is found in pre-B cells, mature B cells and plasma cells.
Gene ID:	10892
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, BCR Signaling, Ubiquitin Proteasome Pathway, S100 Proteins

Application Details

Application Notes:	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance. 1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. FACS: 0.5-1 µg/million cells,IF: 1-2 µg/mL,WB: 0.5-1 µg/mL,IHC (FFPE): 0.5-1 µ g/mL for 30 minutes at RT (1),Prediluted format : incubate for 30 min at RT (2)
Restrictions:	For Research Use only

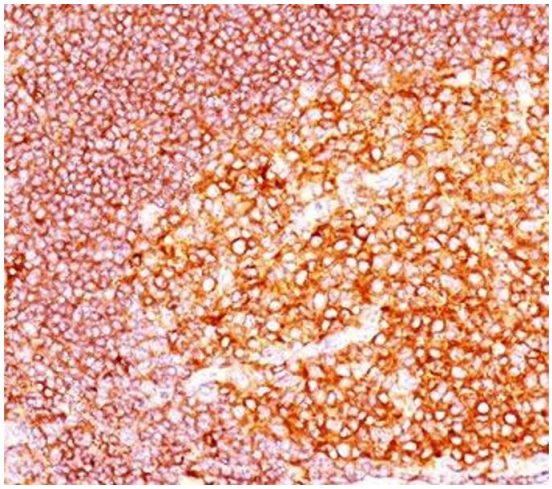
Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the MALT1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without

Handling

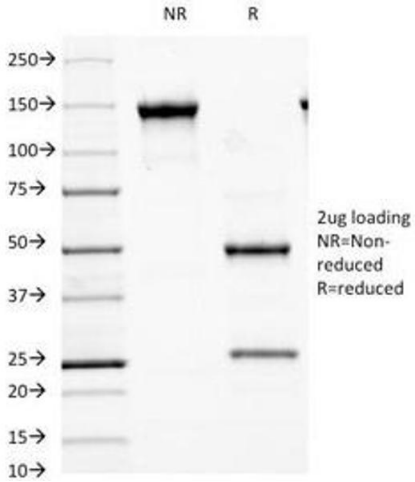
azide).

Images



Immunohistochemistry

Image 1. IHC staining of tonsil tissue with MALT1 antibody (MT1/410).



SDS-PAGE

Image 2. SDS-PAGE Analysis of Purified, BSA-Free MALT1 Antibody (clone MT1/410). Confirmation of Integrity and Purity of the Antibody.