Mouse Anti-MALT1 [MT1/410]: MC0837, MC0837RTU7

Intended Use: For Research Use Only

Description: Highly expressed in peripheral blood mononuclear cells. Detected at lower levels in bone marrow, thymus and lymph node, and at very low levels in colon and lung. Enhances BCL10-induced activation of NF-kappa-B. Involved in nuclear export of BCL10. Binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity. Has ubiquitin ligase activity. MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion.

Specifications

Clone:	MT1/410
Source:	Mouse
Isotype:	IgG1k
Reactivity:	Human, rat
Localization:	Cytoplasm
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, Flow Cyt., IF, IP, WB

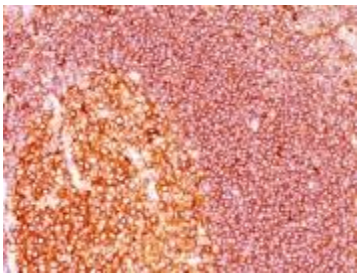
Package:

Description	Catalog No.	Size
MALT1 Concentrated	MC0837	1 ml
MALT1 Prediluted	MC0837RTU7	7 ml

IHC Procedure*

Positive Control Tissue:	Jurkat, Daudi or HeLa cells, tonsil or lymphoma
Concentrated Dilution:	50-200
Pretreatment:	Citra pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human tonsil stained with anti-MALT1 using DAB

References:

1. Ginster S, et al. Two Antagonistic MALT1 Auto-Cleavage Mechanisms Reveal a Role for TRAF6 to Unleash MALT1 Activation. PLoS One 12:e0169026, 2017.
2. Afonina IS, et al. The paracaspase MALT1 mediates CARD14-induced signaling in keratinocytes. EMBO Rep 17:914-27, 2016.
3. MALT lymphoma with t(14;18)(q32;q21)/IGH-MALT1 is characterized by strong cytoplasmic MALT1 and BCL10 expression. Hongtao Ye, et al. The Journal of Pathology Volume 205, Issue 3, pages 293–301, February 2005.

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