



MALT1 Monoclonal Antibody

Catalog No	YP-mAb-00438
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MALT1
Immunogen	The antiserum was produced against synthesized peptide derived from human MALT1. AA range:301-350
Specificity	MALT1 Monoclonal Antibody detects endogenous levels of MALT1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.4.22.-;MALT 1;MALT lymphoma-associated translocation;MLT;MLT1;MALT1;Mucosa-associated lymphoid tissue lymphoma translocation protein 1;Paracaspase
Observed Band	90kD
Calculated Molecular Weight	90kD
Cell Pathway	Cytoplasm, perinuclear region . Nucleus . Shuttles between the nucleus and cytoplasm. Found in perinuclear structures together with BCL10. .
Tissue Specificity	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.
Function	disease:A chromosomal aberration involving MALT1 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation t(11;18)(q21;q21) with BIRC2. This translocation is found in approximately 50% of cytogenetically abnormal low-grade MALT lymphoma.,function: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 BCL-10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion.,



similarity:Belongs to the peptidase C14B family.,similarity:Contains 1 death domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Shuttles between the nucleus and cytoplasm. Found in perinuclear structures together with BCL10.,subunit:Binds through its Ig-like

Background

This gene has been found to be recurrently rearranged in chromosomal translocation with two other genes - baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) and immunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protein encoded by this gene may play a role in NF-kapMAB activation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

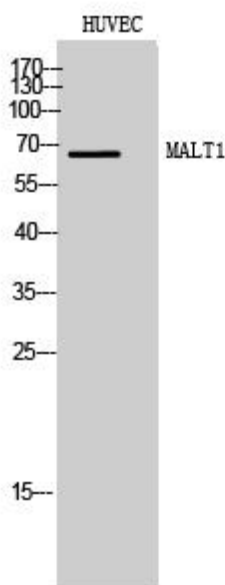
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MALT1 Monoclonal Antibody