

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MALT1 in Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # MALT1-C
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Recombinant human MALT1 Asp701-Thr808 Accession # Q9UDY8
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (MALT1) is an approximately 91 kDa intracellular adaptor protein that forms a complex with Bcl10 and CARMA-1. The caspase-like domain of MALT1 cleaves Bcl10 and the NFκB inhibitor A20. This results in NFκB activation following signal transduction from cell surface ITAM-containing receptors including the T cell and B cell antigen receptors. Human MALT1 shares 87% aa sequence identity with mouse and rat MALT1.

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