

## MALT1 Ab

[Images\(1\)](#)

Cat.#: DF6867	Concn.: ~1mg/ml	Mol.Wt.: 92kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human MALT1, corresponding to a region within the internal amino acids.	
Uniprot:	Q9UDY8	
Description:	Mucosa-associated lymphoid tissue translocation gene 1 (MALT1) is a paracaspase that is a critical mediator of T-cell receptor activation of NF- $\kappa$ B and may contribute to the progression of MALT lymphomas (1-4). It contains two immunoglobulin-like domains, an amino-terminal death domain and a carboxy-terminal caspase-like domain. Association of MALT1 with Bcl-10 and CARD11/Carma1 leads to activation of IKK and subsequent stimulation of NF- $\kappa$ B, resulting in increased proliferation and inhibition of apoptosis (5,6). A common translocation in MALT B-cell non-Hodgkin lymphomas t(11;18)(q21;q21) results in the fusion of the amino terminus of API2 (c-IAP2), a member of the inhibitor of apoptosis protein family, to the carboxy terminus of MALT1 (1,2).	

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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