

Product datasheet

anti-MALT1 mouse monoclonal, EBS-T-007, purified

Short overview

Cat. No.	691674
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	EBS-T-007
Immunogen	Human MALT1 recombinant protein
Formulation	PBS with 0.02% sodium azide
UniprotID	Q9UDY8 (Human)
Synonym	Mucosa-associated lymphoid tissue lymphoma translocation protein 1, EC 3.4.22.-, MALT lymphoma-associated translocation, Paracaspase, MALT1, MLT
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC, WB
Reactivity	Human

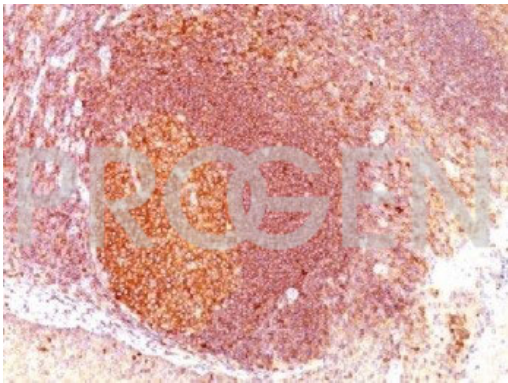
Applications

Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

EBS-T-007 reacts with paracaspase MALT1, crucial for B- and T-cell activation/proliferation and activation of transcription factor NF-kappaB. It has a N-terminal death domain, two central immunoglobulin-like domains involved in the binding to the B-cell lymphoma 10 (BCL10) protein and a caspase-like domain. MALT1 and BCL10 can both be found translocated in MALT lymphoma. In such cases either BCL10 or MALT1 or both are highly expressed, depending on the site of translocation. Normal cells and MALT lymphomas lacking translocations exhibit much lower levels of expression.

Positive control: HepG2 cells or lymphoma.



Human tonsil