Product datasheet

anti-BCL10 mouse monoclonal, EBS-T-001, purified

Short overview

Cat. No.	691671
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	EBS-T-001
Immunogen	Human BCL10 recombinant protein (aa122-168)
Formulation	PBS with 0.02% sodium azide
UniprotID	O95999 (Human)
Synomym	B-cell lymphoma/leukemia 10, B-cell CLL/lymphoma 10, Bcl-10, CARD-containing molecule enhancing NF-kappa-B, CARD-like apoptotic protein, hCLAP, CED-3/ICH-1 prodomain homologous E10-like regulator, CIPER, Cellular homolog of vCARMEN, cCARMEN, Cellular-E10, c-E10, Mammalian CARD-containing adapter molecule E10, mE10, BCL10, CIPER, CLAP
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC, WB
Reactivity	Human

Applications

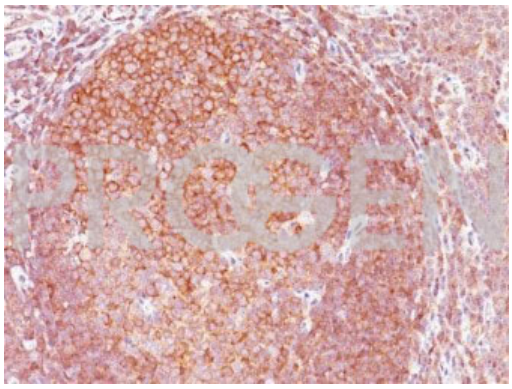
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

EBS-T-001 reacts with BCL10. Having a N-terminal caspase recruitment domain (CARD), BCL10 can induce apoptosis and activate NF-kappaB. It is found on subpopulations of normal B and T cells, and is associated with MALT1, a paracaspase that, like BCL10, can be found translocated in MALT lymphoma. In such cases either BCL10 or MALT1 or both are highly expressed, depending on the site of translocation. MALT lymphomas lacking this translocation exhibit much lower levels of expression. BCL10 has been shown to be functionally conserved all the way back to zebrafish.

Positive control: HepG2 cells or lymphoma.

Product images



Human tonsil