BCL10 (MALT-Lymphoma Marker) Antibody

Mouse Monoclonal Antibody [Clone BL10/411]

Catalog No	Format	Size
8915-MSM1-P0	Purified Ab with BSA and Azide	200ug/ml
8915-MSM1-P1	Purified Ab with BSA and Azide	200ug/ml
8915-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

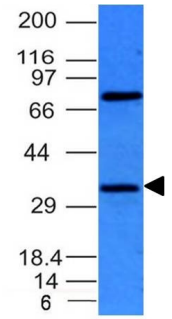
Applications	Tested Dillution
Flow Cytometry (Flow)	1-2ug/million cells
Immunohistochemistry (IHC)	1-2ug/ml
Western Blot (WB)	2-4ug/ml

Product Details

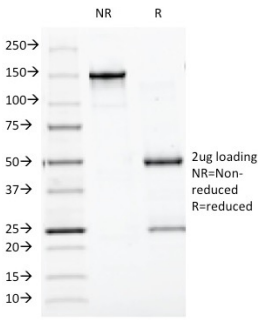
Clone	BL10/411
Gene Name	BCL10
Immunogen	Human BCL10 recombinant protein (epitope aa122-168)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	33kDa
Cellular Localization	Cytoplasm, Membrane raft, Perinuclear region
Species Reactivity	Human
Positive Control	HepG2 cells. Lymphoma., K562

**Optimal dilution for a specific application should be determined.*

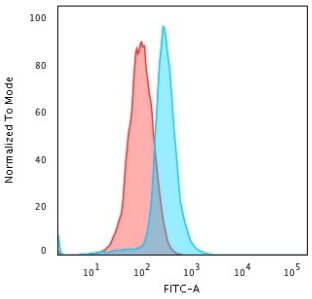
Product Images for BCL10 (MALT-Lymphoma Marker) Antibody



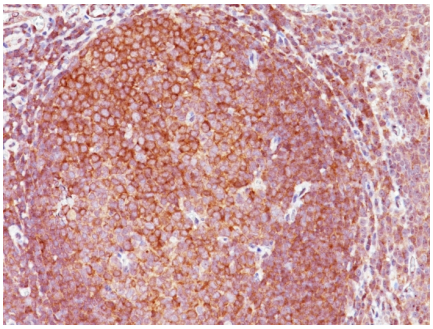
Western Blot of HepG2 cell lysate using BCL10 Mouse Monoclonal Antibody (BL10/411).



SDS-PAGE Analysis of Purified BCL10 Mouse Monoclonal Antibody (BL10/411). Confirmation of Purity and Integrity of Antibody.



Flow Cytometric Analysis of PFA-fixed K562 cells using BCL10 Mouse Monoclonal Antibody (BL10/411) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)



Formalin-fixed, paraffin-embedded human Tonsil stained with BCL10 Mouse Monoclonal Antibody (BL10/411).

Specificity & Comments

BCL10, with an N-terminal caspase recruitment domain (CARD), is found in a number of apoptotic regulatory molecules. It was identified through its direct involvement in t(1;14) of mucosa-associated lymphoid tissue (MALT) lymphoma. Expression of BCL10 was shown to induce NF14) translocation, while 55% of MALT lymphomas lacking this translocation exhibited the same labeling pattern, although at a much lower level.

Research Areas

Apoptosis, Autophagy, Cancer, Immunology

Known Applications & Suggested Dilutions

Flow Cytometry (1-2ug/million cells) | Western Blot (1-2ug/ml) | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes) | Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.