Recombinant BCL10 (MALT-Lymphoma Marker) Antibody

Rabbit Monoclonal Antibody [Clone BL10/2988R]

Catalog No	Format	Size
8915-RBM3-P0	Purified Ab with BSA and Azide	200ug/ml
8915-RBM3-P1	Purified Ab with BSA and Azide	200ug/ml
8915-RBM3-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

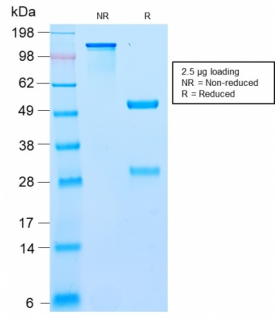
Applications	Tested Dillution
Flow Cytometry (Flow)	1-2ug/million cells
Immunofluorescence (IF)	1-3ug/ml
Immunohistochemistry (IHC)	1-2ug/ml

Product Details

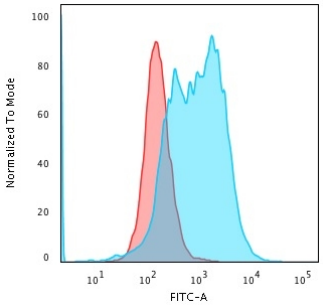
Clone	BL10/2988R
Gene Name	BCL10
Immunogen	Recombinant human BCL10 protein fragment (around aa122-168) (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	33kDa
Cellular Localization	Cytoplasm, Membrane raft, Perinuclear region
Species Reactivity	Human
Positive Control	K562 or HepG2 cells. Human lymphoma.

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

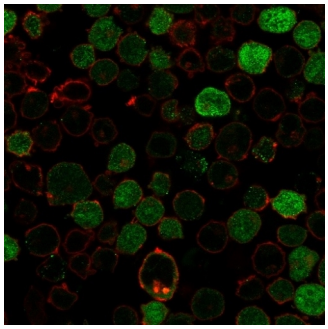
Product Images for Recombinant BCL10 (MALT-Lymphoma Marker) Antibody



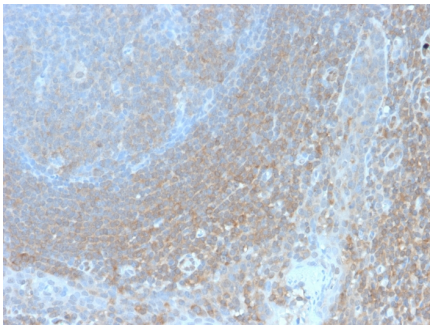
SDS-PAGE Analysis of Purified BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R). Confirmation of Purity and Integrity of Antibody.



Flow Cytometric Analysis of PFA-fixed K562 cells. BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R) followed by goat anti-Rabbit IgG-CF488 (blue); isotype control (red).



Immunofluorescence Analysis of PFA-fixed K562 cells labeling BCL10. BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R) followed by goat anti-rabbit IgG-CF488 (green). Phalloidin counterstain (red).



Formalin-fixed, paraffin-embedded human tonsil stained with BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R).

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 NF B activation in a NIK-dependent pathway. This MAb labels subpopulations of normal B and T cells and is a useful tool for the sub-classification of lymphomas. In MALT lymphomas with the t(1;14) translocation, while 55% of MALT lymphomas lacking this translocation exhibited the same labeling pattern, although at a much lower level.

Research Areas

Apoptosis, Autophagy, Immunology

Known Applications & Suggested Dilutions

Flow Cytometry (1-2ug/million cells) | Immunofluorescence (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.