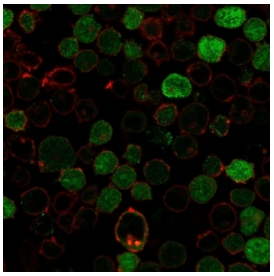
Recombinant Bcl10 Antibody [clone BL10/2988R] (V7499)

Catalog No.	Formulation	Size
V7499-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7499-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7499SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7499IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

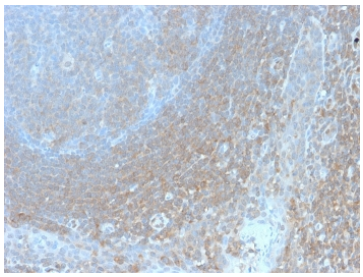
Recombinant RABBIT MONOCLONAL

Bulk quote request

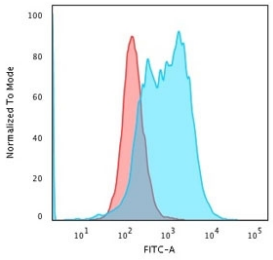
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	BL10/2988R
Purity	Protein A affinity chromatography
Gene ID	8915
Localization	Nuclear and cytoplasmic
Applications	Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant Bcl10 antibody is available for research use only.



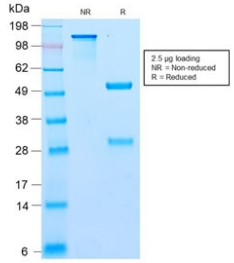
Immunofluorescent staining of PFA-fixed human K562 cells with recombinant Bcl10 antibody (clone BL10/2988R, green) and phalloidin (red).



IHC staining of FFPE human tonsil with recombinant Bcl10 antibody (clone BL10/2988R). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Flow cytometry staining of PFA-fixed human K562 cells with recombinant Bcl10 antibody; Red=isotype control, Blue= recombinant Bcl10 antibody.



SDS-PAGE analysis of purified, BSA-free recombinant Bcl10 antibody (clone BL10/2988R) as confirmation of integrity and purity.

Description

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 NFkB activation in a NIK-dependent pathway. This antibody 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.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the recombinant Bcl10 antibody to be titered up or down for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A portion of amino acids 122-168 from the human protein was used as the immunogen for this recombinant Bcl10 antibody.

Storage

Store the recombinant Bcl10 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (1)