

36-3446: Anti-BCL10 (MALT-Lymphoma Marker) Monoclonal Antibody(Clone: BL10/2988R)

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| Clonality : | Monoclonal |
| Clone Name : | BL10/2988R |
| Application : | FACS,IF,IHC |
| Reactivity : | Human |
| Gene : | BCL10 |
| Gene ID : | 8915 |
| Uniprot ID : | O95999 |
| Alternative Name : | B-cell CLL/lymphoma 10, B-cell leukemia/lymphoma 10, CARD-containing molecule enhancing NF-kappa-B, CARD-like apoptotic protein, caspase-recruiting domain-containing protein, CED-3/ICH-1 prodomain homologous E10-like regulator, Cellular homolog of vCARMEN, Cellular-E10 (cE10), CIPER, hCLAP, mE10, R-RCD1 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Recombinant human BCL10 protein fragment (around aa122-168) (exact sequence is proprietary) |

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 NF14 translocation, while 55% of MALT lymphomas lacking this translocation exhibited the same labeling pattern, although at a much lower level.

Product Info

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| Amount : | 20 µg / 100 µg |
| Content : | 200 µg/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 condition : | 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. |

Application Note

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 °C followed by cooling at RT for 20 minutes),

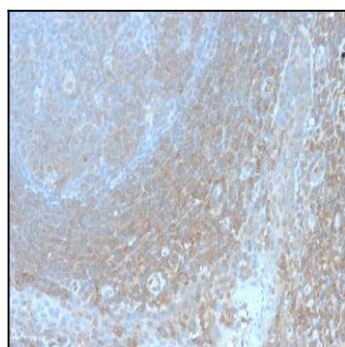


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R).

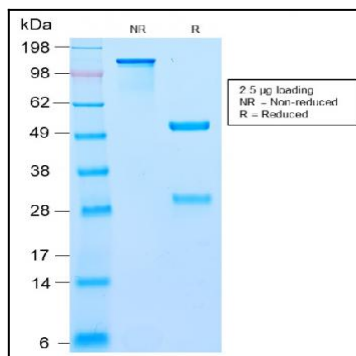


Fig. 2: SDS-PAGE Analysis Purified BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R). Confirmation of Purity and Integrity of Antibody.

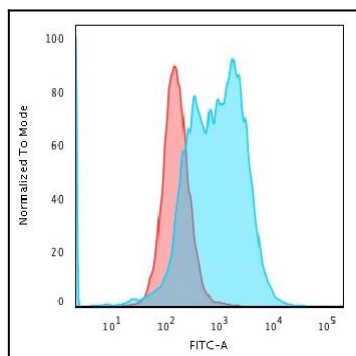


Fig. 3: Flow Cytometric Analysis of PFA-fixed K562 cells using BCL10 Recombinant Rabbit Monoclonal Antibody (BL10/2988R) followed by Goat anti-Rabbit- IgG-CF488 (Blue); Isotype Control (Red)

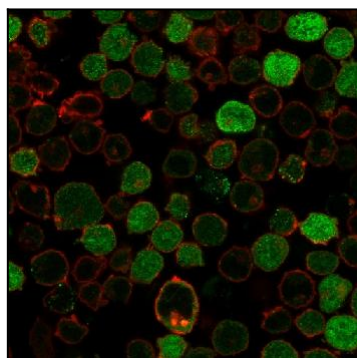


Fig. 4: Immunofluorescence Analysis of PFA-fixed K562 cells labeling BCL10 using BCL10 Recombinant Rabbit MAb (BL10/2988R) followed by Goat anti-rabbit IgG-CF488 (Green). The nuclear counterstain is Reddot (Red)