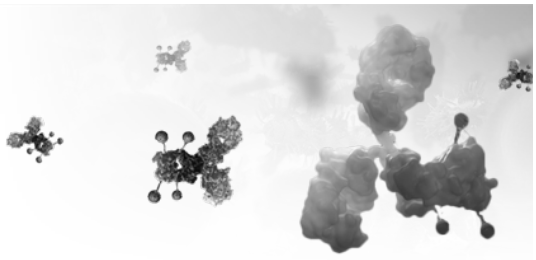

Anti-BCL10 monoclonal antibody, clone 151 [R-PE] (CABT-50139MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human Bcl-10 antibody, clone 151 recognizes human B-cell lymphoma/leukaemia 10 (Bcl-10), a 31kD CARD (caspase recruitment domain) containing molecule that is involved in the regulation of apoptosis. Bcl-10 was originally identified through its direct involvement in t(1;14)(p22;q32) of mucosa-associated lymphoid tissue (MALT) lymphoma. The Bcl-10 molecule is predominantly located in the cytoplasm but expression has also been reported in the nucleus of some lymphomas. Reports suggest that Bcl-10 is essential for nuclear factor (NF)-kappaB activation after lymphocyte receptor antigen stimulation and for the development of mature B-cells via ubiquitination of NEMO. Flow Cytometry Use 10ul of the suggested working dilution to label 1x106 cells in 100ul.
Specificity	Bcl-10
Immunogen	Full length recombinant Bcl-10.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	151
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	BCL10 B-cell CLL/lymphoma 10 [Homo sapiens (human)]
Official Symbol	BCL10
Synonyms	BCL10; B-cell CLL/lymphoma 10; CLAP; mE10; CIPER; IMD37; c-E10; CARMEN; B-cell lymphoma/leukemia 10; hCLAP; cCARMEN; cellular-E10; cellular homolog of vCARMEN; CARD-containing proapoptotic protein; CARD containing molecule enhancing NF-kB; CARD-containing
Entrez Gene ID	8915
Protein Refseq	NP_003912
UniProt ID	O95999
Chromosome Location	1p22
Pathway	Activation of NF-kappaB in B cells; Adaptive Immune System; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Canonical NF-kappaB pathway; Downstream TCR signaling; Downstream signaling events of B Cell Receptor (BCR);
Function	NF-kappaB binding; enzyme binding; contributes_to kinase activator activity; kinase binding; protease binding; protein C-terminus binding; protein binding; protein kinase B binding; protein kinase binding; protein self-association; transcription coactivator activity; transcription factor binding; ubiquitin binding; ubiquitin protein ligase binding;

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