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BCL11B Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10966c

Specification

BCL11B Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9C0K0

BCL11B Antibody (Center) Blocking peptide - Additional Information

Gene ID 64919

Other Names
B-cell lymphoma/leukemia 11B, BCL-11B, B-cell CLL/lymphoma 11B, COUP-TF-interacting protein 2, Radiation-induced tumor suppressor gene 1 protein, hRit1, BCL11B, CTIP2, RIT1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BCL11B Antibody (Center) Blocking peptide - Protein Information

Name BCL11B

Synonyms CTIP2, RIT1

Function
Key regulator of both differentiation and survival of T- lymphocytes during thymocyte development in mammals. Essential in controlling the responsiveness of hematopoietic stem cells to chemotactic signals by modulating the expression of the receptors CCR7 and CCR9, which direct the movement of progenitor cells from the bone marrow to the thymus (PubMed:27959755). Is a regulator of IL2 promoter and enhances IL2 expression in activated CD4(+) T-lymphocytes (PubMed:16809611). Tumor-suppressor that represses transcription through direct, TFCOUP2-independent binding to a GC-rich response element (By similarity). May also function in the P53-signaling pathway (By similarity).

Cellular Location
Nucleus.

Tissue Location

Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma

BCL11B Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

BCL11B Antibody (Center) Blocking peptide - Images

BCL11B Antibody (Center) Blocking peptide - Background

This gene encodes a C2H2-type zinc finger protein and isclosely related to BCL11A, a gene whose translocation may beassociated with B-cell malignancies. The specific function of thisgene has not yet been determined. Two alternatively splicedtranscript variants, which encode distinct isoforms, have beenreported.

BCL11B Antibody (Center) Blocking peptide - References

Ganguli-Indra, G., et al. Exp. Dermatol. 18(11):994-996(2009)Cherrier, T., et al. Oncogene 28(38):3380-3389(2009)Ganguli-Indra, G., et al. PLoS ONE 4 (4), E5367 (2009) :Cismasiu, V.B., et al. Virology 380(2):173-181(2008)Desplats, P.A., et al. Neurobiol. Dis. 31(3):298-308(2008)