



# Rabbit Anti-Human BCL11B monoclonal antibody, clone KG10-01 (CABT-L891)

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

## PRODUCT INFORMATION

<b>Target</b>	Ctip2
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	KG10-01
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC, IHC, FC
<b>Molecular Weight</b>	100/110kDa
<b>Cellular Localization</b>	Nucleus.
<b>Positive Control</b>	THP-1, LO2, mouse brain tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

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<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## BACKGROUND

<b>Introduction</b>	Bcl-11a (CtlP-1, EVI9, B cell chronic lymphocytic leukemia (CLL)/lymphoma 11A) and Bcl-11b (CtlP-2, RIT1, B cell CLL/lymphoma 11B) genes play crucial roles in lymphopoiesis and influence the progression of hematopoietic malignancies. Disruption of the Bcl-11b locus is linked to T cell acute lymphoblastic leukemia, and the loss of heterozygosity in mice results in T cell lymphoma. Bcl-11 proteins are related C2H2 zinc-finger transcription factors that act as transcriptional repressors. Bcl-11b can interact with the metastasis-associated proteins MTA1 and MTA2 through the amino-terminal region. Bcl-11a is essential for postnatal development and normal lymphopoiesis. The Bcl-11a mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with Bcl-6.
<b>Keywords</b>	ATL1 alpha;ATL1;ATL1 beta;ATL1 gamma;ATL1-delta;B cell CLL/lymphoma 11B/T cell receptor delta constant region fusion protein;B cell lymphoma/leukemia 11B;B-cell CLL/lymphoma 11B (zinc finger protein);B-cell CLL/lymphoma 11B;B-cell lymphoma/leukemia 11B;BC11B_HUMAN;BCL-11B;Bcl11b;BCL11B/TRDC fusion;COUP TF interacting protein 2;COUP-TF interacting protein 2;COUP-TF-interacting protein 2;Ctip 2;CTIP-2;CTIP2;hRIT1 alpha;hRit1;Radiation induced tumor suppressor gene 1;Radiation induced tumor suppressor gene 1 protein;Radiation-induced tumor suppressor gene 1 protein;Rit 1;Rit1;zinc finger protein hRit1 alpha;ZNF856B antibody

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## GENE INFORMATION

Entrez Gene ID	<a href="#">64919</a>
UniProt ID	<a href="#">L8B8F6</a>

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