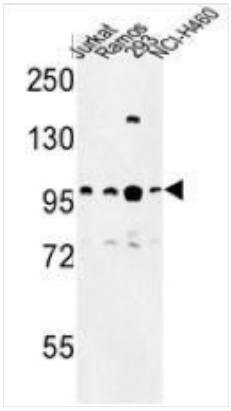
BCL11A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BCL11A, Polyclonal Antibody
Full Product Name	BCL11A, CT (BCL11A, CTIP1, EVI9, KIAA1809, ZNF856, B Cell lymphoma/leukemia 11A, B Cell CLL/lymphoma 11A, COUP-TF-interacting protein 1, Ecotropic viral integration site 9 protein homolog, Zinc finger protein 856) (MaxLight 405)
Product Gene Name	anti-BCL11A antibody
Product Synonym Names	BCL11A; CTIP1; EVI9; KIAA1809; ZNF856; B-cell lymphoma/leukemia 11A; B-cell CLL/lymphoma 11A; COUP-TF-interacting protein 1; Ecotropic viral integration site 9 protein homolog; Zinc finger protein 856
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human BCL11A.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	91,197 Da
OMIM	142335
3D Structure	ModBase 3D Structure for Q9H165
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 806-835 in the C-terminal region of human BCL11A, UniProt Accession #Q9H165.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-BCL11A antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-BCL11A antibody	Western Blot (WB), FLISA
Application Notes for anti-BCL11A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-BCL11A antibody	BCL11A is a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding 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 BCL6.
Product References and Citations for anti-BCL11A antibody	1. Solovieff, N., et al. Blood 115(9):1815-1822(2010). 2. Nuinoon, M., et al. Hum. Genet. 127(3):303-314(2010).

Other Notes	Small volumes of anti-BCL11A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BCL11A purchase	MBS6277894 is an antibody targeting BCL11A. Also known as BCL11A, CT (BCL11A, CTIP1, EVI9, KIAA1809, ZNF856, B Cell lymphoma/leukemia 11A, B Cell CLL/lymphoma 11A, COUP-TF-interacting protein 1, Ecotropic viral integration site 9 protein homolog, Zinc finger protein 856) (MaxLight 405). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-BCL11A antibody
Western Blot analysis in Jurkat, Ramos, 293, NCI-H460 cell line lysates (35ug/lane) usingMBS6009008. BCL11A (arrow) was detected usingMBS6009008.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BCL11A. It may not necessarily be applicable to this product.

NCBI GI #	20336307
NCBI GeneID	53335
NCBI Accession #	NP_060484.2
UniProt Primary Accession #	Q9H165
UniProt Secondary Accession #	Q86W14; Q8WU92; Q96JL6; Q9H163; Q9H164; Q9H3G9; Q9NWA7; D6W5D7
UniProt Related Accession #	Q9H165
GenBank Nucleotide #	NM_018014.3
NCBI Official Full Name	B-cell lymphoma/leukemia 11A isoform 2
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 11A (zinc finger protein)
NCBI Official Symbol	BCL11A
NCBI Official Synonym Symbols	EVI9; CTIP1; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL
UniProt Protein Name	B-cell lymphoma/leukemia 11A
UniProt Synonym Protein Names	B-cell CLL/lymphoma 11A; COUP-TF-interacting protein 1; Ecotropic viral integration site 9 protein homolog; EVI-9; Zinc finger protein 856
Protein Family	B-cell lymphoma/leukemia
UniProt Gene Name	BCL11A
UniProt Synonym Gene Names	CTIP1; EVI9; KIAA1809; ZNF856; BCL-11A; EVI-9
UniProt Entry Name	BC11A_HUMAN
NCBI Protein Information	B-cell lymphoma/leukemia 11A; EVI-9; BCL-11A; zinc finger protein 856; C2H2-type zinc finger protein; COUP-TF-interacting protein 1; ecotropic viral integration site 9 homolog; ecotropic viral integration site 9 protein homolog; B-cell CLL/lymphoma 11A (z

NCBI Summary for BCL11A	This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9 protein. The corresponding 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 BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for BCL11A	Bcl-11A: Functions as a myeloid and B-cell proto-oncogene. May play important roles in leukemogenesis and hematopoiesis. An essential factor in lymphopoiesis, is required for B-cell formation in fetal liver. May function as a modulator of the transcriptional repression activity of ARP1. Chromosomal aberrations involving BCL11A may be a cause of lymphoid malignancies. Translocation t(2;14)(p13;q32.3) causes BCL11A deregulation and amplification. 6 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription, coactivator/corepressor; C2H2-type zinc finger protein; Nuclear receptor co-regulator Chromosomal Location of Human Ortholog: 2p16.1 Cellular Component: nucleoplasm; cytoplasm; nucleus Molecular Function: protein homodimerization activity; protein heterodimerization activity; metal ion binding; transcription corepressor activity Biological Process: protein sumoylation; transcription, DNA-dependent; B cell differentiation; regulation of dendrite development; positive regulation of transcription from RNA polymerase II promoter; negative regulation of collateral sprouting; negative regulation of transcription from RNA polymerase II promoter; negative regulation of axon extension; positive regulation of collateral sprouting; negative regulation of protein homooligomerization; T cell differentiation
Research Articles on BCL11A	**1.** Data suggest that segregation of BCL11A haplotype 2 indicating an involvement of this locus in Hb F expression.
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