

Product Name: Ctip1 (6S12) Rabbit Monoclonal Antibody
Catalog #: AMRe09505

Summary

Production Name	Ctip1 (6S12) Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	BCL11A
Alternative Names	EVI9; CTIP1; ZNF856; HBFQTL5; BCL11A-L; BCL11A-S; BCL11a-M; BCL11A-XL;
Gene ID	53335.0
SwissProt ID	Q9H165.

Application

Dilution Ratio	WB 1:2000-1:20000,IHC 1:50-1:200,ICC/IF 1:200-1:500,FC 1:100-1:200,IP 1:50-1:100
Molecular Weight	91kDa

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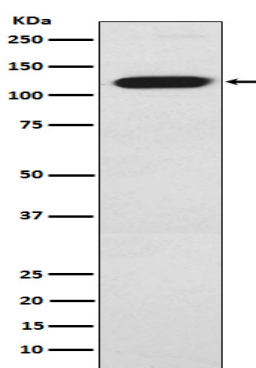
Background

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. Transcription factor (PubMed: 16704730, PubMed: 29606353). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed: 23644491). Binds to the 5'-TGACCA-3' sequence motif in regulatory regions of target genes, including a distal promoter of the HBG1 hemoglobin subunit gamma-1 gene (PubMed: 29606353). Involved in regulation of the developmental switch from gamma- to beta-globin, probably via direct repression of HBG1; hence indirectly repressing fetal hemoglobin (HbF) level (PubMed: 29606353, PubMed: 26375765). Involved in brain development (PubMed: 27453576). May play a role in hematopoiesis (By similarity). Essential factor in lymphopoiesis required for B-cell formation in fetal liver (By similarity). May function as a modulator of the transcriptional repression activity of NR2F2 (By similarity).

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Ct1p1 expression in Jurkat cell lysate.

Note

For research use only.



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