

BCL11A Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant BCL11A.

Catalog # AT1281a

Specification

BCL11A Antibody (monoclonal) (M03) - Product Information

Application	IF, WB, IHC, E
Primary Accession	O9H165
Other Accession	NM_018014
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	91197

BCL11A Antibody (monoclonal) (M03) - Additional Information

Gene ID 53335

Other Names

B-cell lymphoma/leukemia 11A, BCL-11A, B-cell CLL/lymphoma 11A, COUP-TF-interacting protein 1, Ecotropic viral integration site 9 protein homolog, EVI-9, Zinc finger protein 856, BCL11A, CTIP1, EVI9, KIAA1809, ZNF856

Target/Specificity

BCL11A (NP_060484, 1 a.a. ~ 88 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Dilution

WB ~ 1:500 ~ 1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

BCL11A Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

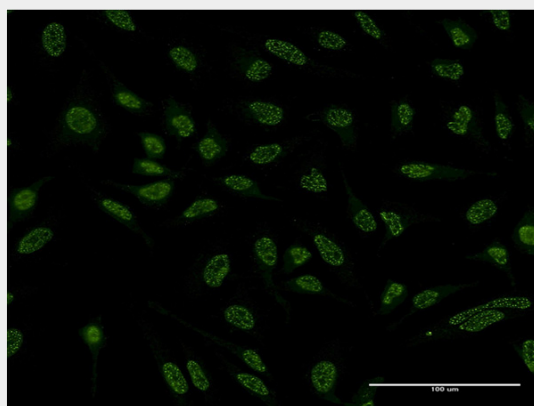
BCL11A Antibody (monoclonal) (M03) - Protocols

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

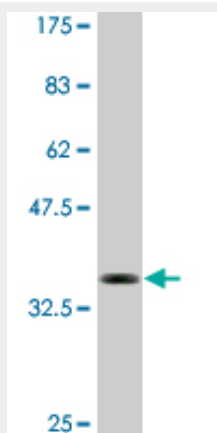
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

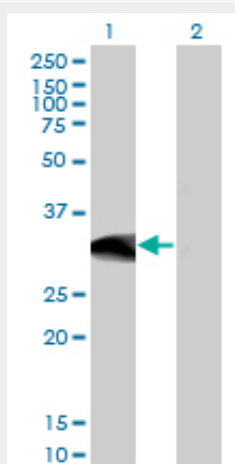
BCL11A Antibody (monoclonal) (M03) - Images



Immunofluorescence of monoclonal antibody to BCL11A on HeLa cell . [antibody concentration 10 ug/ml]



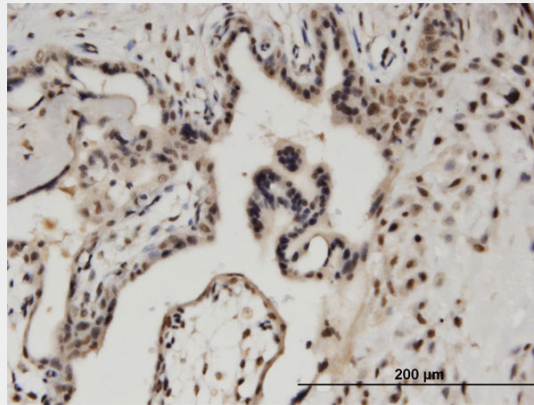
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 KDa) .



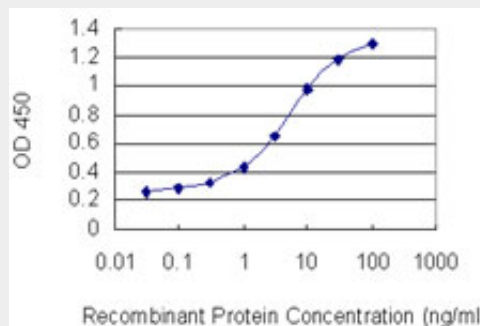
Western Blot analysis of BCL11A expression in transfected 293T cell line by BCL11A monoclonal antibody (M03), clone 3D9.

Lane 1: BCL11A transfected lysate(26.865 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to BCL11A on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged BCL11A is 0.03 ng/ml as a capture antibody.

BCL11A Antibody (monoclonal) (M03) - Background

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.

BCL11A Antibody (monoclonal) (M03) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. 14q32/miRNA clusters loss of heterozygosity in acute lymphoblastic leukemia is associated with up-regulation of BCL11a. Agueli C, et al. Am J Hematol, 2010 Aug. PMID 20578197. Analysis of the REL, BCL11A, and MYCN proto-oncogenes belonging to the 2p amplicon in chronic lymphocytic leukemia. Deambrogi C, et al. Am J Hematol, 2010 Jul. PMID 20575024. The XmnI (G)gamma polymorphism influences hemoglobin F synthesis contrary to BCL11A and HBS1L-MYB SNPs in a cohort of 57 beta-thalassemia intermedia patients. Nguyen TK, et al. Blood Cells Mol Dis, 2010 Aug 15. PMID 20472475. Transcriptional silencing of

{gamma}-globin by BCL11A involves long-range interactions and cooperation with SOX6. Xu J, et al. Genes Dev, 2010 Apr 15. PMID 20395365.