

Product Name: ZBTB16 Mouse Monoclonal Antibody
Catalog #: AMM80869



Summary

Production Name	ZBTB16 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	ZBTB16
Alternative Names	PLZF; ZNF145; ZBTB16
Gene ID	7704.0
SwissProt ID	Q05516.Purified recombinant fragment of human ZBTB16 expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,ICC:1:200-1:1000,ELISA:1:10000
Molecular Weight	74kDa

Background

This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor

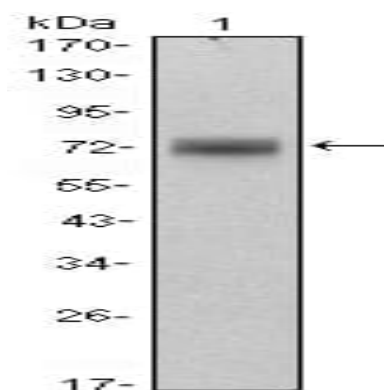
Product Name: ZBTB16 Mouse Monoclonal Antibody
Catalog #: AMM80869



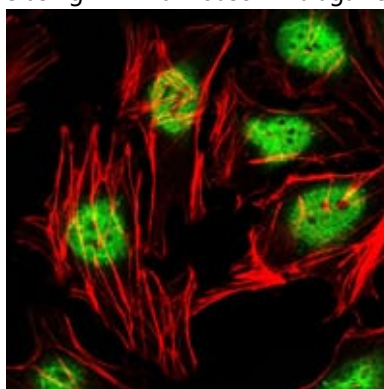
that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized. Tissue specificity: Within the hematopoietic system, PLZF is expressed in bone marrow, early myeloid cell lines and peripheral blood mononuclear cells. Also expressed in the ovary, and at lower levels, in the kidney and lung.

Research Area

Image Data



Western blot analysis using ZBTB16 mouse mAb against HeLa (1) cell lysate.



Immunofluorescence analysis of HeLa cells using ZBTB16 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Note

For research use only.