

## ZBTB16 monoclonal antibody

Catalog: MB21351

Host: Mouse

Reactivity: Human

### BackGround:

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

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

74kDa

### Swiss-Prot:

Q05516

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IF:1/200 - 1/1000

### Storage&Stability:

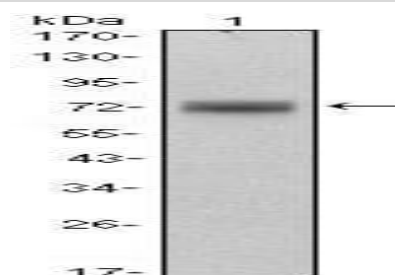
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

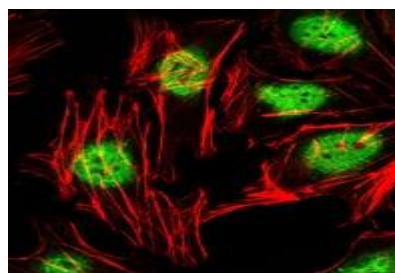
### Isotype:

Mouse IgG1

### 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, not for use in diagnostic procedure.

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