

Product datasheet for **AM06484SU-N**

Plzf (ZBTB16) Mouse Monoclonal Antibody [Clone ID: 5B3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5B3
Applications:	ELISA, IF, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human ZBTB16 expressed in E. Coli.
Specificity:	This antibody reacts to ZBTB16.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	74 kDa
Gene Name:	zinc finger and BTB domain containing 16
Database Link:	Entrez Gene 7704 Human Q05516



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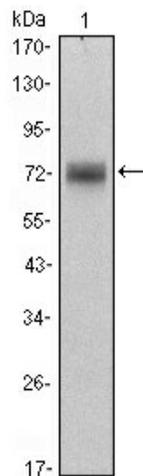
Background:

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.

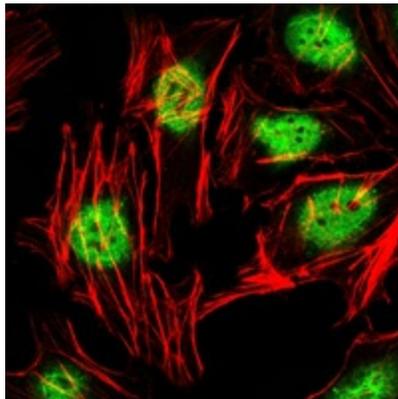
Synonyms:

PLZF, ZNF145

Product images:



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.