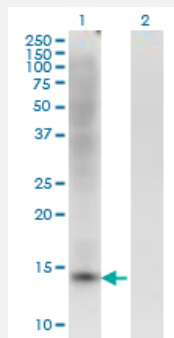


ZBTB16 monoclonal antibody (M02), clone 1F10

Catalog # H00007704-M02

Size 100 ug

Applications

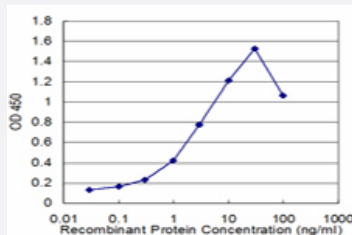


Western Blot (Transfected lysate)

Western Blot analysis of ZBTB16 expression in transfected 293T cell line by ZBTB16 monoclonal antibody (M02), clone 1F10.

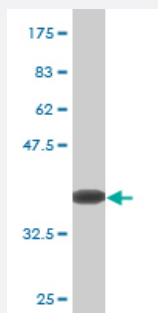
Lane 1: ZBTB16 transfected lysate (Predicted MW: 11.11 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZBTB16 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ZBTB16.

Immunogen	ZBTB16 (AAH29812, 381 a.a. ~ 480 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QRELF SKLGELAVGMKSESRTIGEQCSVCGVELPDNEAVEQHRKLHSGMKTYGCELCGKRFLD SLRLRMHLLAHSAGAKAFVCDQCGAQFSKEDALETHR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ZBTB16 expression in transfected 293T cell line by ZBTB16 monoclonal antibody (M02), clone 1F10.

Lane 1: ZBTB16 transfected lysate (Predicted MW: 11.11 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZBTB16 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ZBTB16

Entrez GeneID	7704
GeneBank Accession#	BC029812
Protein Accession#	AAH29812
Gene Name	ZBTB16
Gene Alias	PLZF, ZNF145
Gene Description	zinc finger and BTB domain containing 16
Omim ID	176797
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Kruppel-like zinc finger protein promyelocytic leukemia zinc finger protein zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Heart Defects](#)
- [Leukemia](#)

- [Tobacco Use Disorder](#)