



ZBT17 Monoclonal Antibody

Catalog No	YP-mAb-04986
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ZBTB17 MIZ1 ZNF151 ZNF60
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	ZBT17 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MIZ 1;MIZ1;pHZ 67;Zinc finger protein 151;Zinc finger protein 60;ZBT17; ZBTB17 MIZ1 ZNF151 ZNF60;Zinc finger and BTB domain-containing protein 17 (Myc-interacting zinc finger protein 1) (Miz-1) (Zinc finger protein 151) (Zinc finger protein 60)
Observed Band	88-100 kDa
Calculated Molecular Weight	803 aa, 88 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in germinal center B-cells.
Function	function:May function as a housekeeping DNA-binding protein that regulates the expression of specific genes. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Also has potent growth arrest activity, probably through inhibition of cell cycle progression. Required for early embryonic development during gastrulation., similarity:Belongs to the krueppel C2H2-type zinc-finger protein family., similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 13 C2H2-type zinc fingers.,subunit:Binds to the C-terminal helix-loop-helix motif of MYC which inhibits ZBTB17 transactivation and growth arrest activities and renders it insoluble in the nucleus. Also interacts with HCFC1, MAGEA4 and



TMPRSS11A.,

Background

This gene encodes a zinc finger protein involved in the regulation of c-myc. The symbol MIZ1 has also been associated with PIAS2 which is a different gene located on chromosome 18. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images