



# ZBT7A Monoclonal Antibody

Catalog No	BYmab-07826
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ZBTB7A FBI1 LRF ZBTB7 ZNF857A
Protein Name	Zinc finger and BTB domain-containing protein 7A (Factor binding 1ST protein 1) (FBI-1) (Factor that binds to inducer of short transcripts protein 1) (HIV-1 1st-binding protein 1) (Leukemia/lymphoma-r
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ZBT7A 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	64kD
Cell Pathway	Nucleus . Recruited to double-strand break sites of damaged DNA. .
Tissue Specificity	Widely expressed (PubMed:9927193). In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level) (PubMed:15662416). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level) (PubMed:15662416). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level) (PubMed:15662416). Expressed in adipose tissues (PubMed:14701838).
Function	function:Plays a key role in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals (By similarity). Specifically represses the transcription of the CDKN2A gene. Efficiently abrogates E2F1-dependent CDKN2A transactivation/de-repression. Binds to the consensus sequence

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	5'-[GA][CA]GACCCCCCCCC-3'.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 4 C2H2-type zinc fingers.,subunit:Interacts with BCL6.,tissue specificity:Widely expressed. In normal thymus, expressed in medullary epithelial cells and Hassle's corpuscles (at protein level). In tonsil, expressed in squamous epithelium and germinal center lymphocytes (at protein level). Up-regulated in a subset of lymphomas, as well as in a subset of breast, lung, colon, prostate and bladder carcinomas (at protein level).,
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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