



SATB1 (phospho-Ser47) mouse mAb

Catalog No	BYmab-10404
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SATB1
Protein Name	SATB1 (Ser47)
Immunogen	Synthesized phosho peptide around human SATB1 (Ser47)
Specificity	This antibody detects endogenous levels of Human Mouse Rat SATB1 (phospho-Ser47)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1)
Observed Band	85kD
Cell Pathway	Nucleus matrix . Nucleus, PML body . Organized into a cage-like network anchoring loops of heterochromatin and tethering specialized DNA sequences (PubMed:12692553). When sumoylated, localized in promyelocytic leukemia nuclear bodies (PML NBs) (PubMed:18408014). .
Tissue Specificity	Expressed predominantly in thymus.
Function	function: Binds to DNA at special AT-rich sequences at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA., PTM: Sumoylated., similarity: Belongs to the CUT homeobox family., similarity: Contains 1 homeobox DNA-binding domain., similarity: Contains 2 CUT DNA-binding domains., tissue specificity: Expressed predominantly in thymus.,
Background	This gene encodes a matrix protein which binds nuclear matrix and scaffold-associating DNAs through a unique nuclear architecture. The protein recruits chromatin-remodeling factors in order to regulate chromatin structure and

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gene expression. [provided by RefSeq, Apr 2016],

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

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