



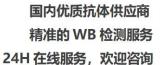
ATM (Phospho Ser183) mouse mAb

Catalog No	BYmab-17326
Isotype	IgG
Reactivity	Human, Mouse
Applications	WB
Gene Name	ATM
Protein Name	Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T mutated)
Immunogen	Synthesized peptide derived from human ATM (Phospho Ser183)
Specificity	This antibody detects endogenous levels of ATM (Phospho Ser183) Mouse mAb at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Mouse, Monoclonal
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	>000/
Pullty	≥90%
Storage Stability	-20°C/1 year
-	
Storage Stability	-20°C/1 year Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T
Storage Stability Synonyms	-20°C/1 year Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T mutated)
Storage Stability Synonyms Observed Band	-20°C/1 year Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T mutated) 350kD Nucleus . Cytoplasmic vesicle . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Primarily nuclear. Found also in endocytic vesicles in

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Background





irradiation., disease: Defects in ATM contribute to B-cell chronic lympho	ocytic
leukemia (BCLL). BCLL is the commonest form of leukemia in the eld	erly. It is
characterized by the accumulation of ma	•

ATM serine/threonine kinase(ATM) Homo sapiens The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability. Mutations in this gene are associated with ataxia telangiectasia, an autosomal recessive disorder. [provided by RefSeq, Aug 2010],

matters needing attention

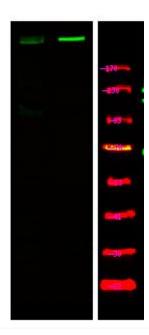
Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images

Western Blot analysis of various cells using ATM (Phospho Ser183) mouse mAb



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