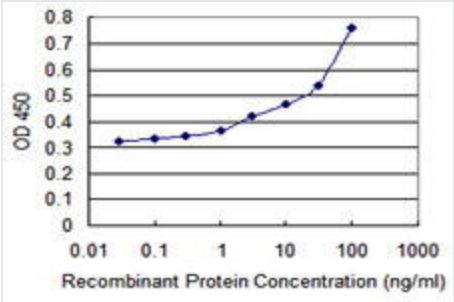
ATM Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	ATM, Monoclonal Antibody
Full Product Name	ATM (Serine-protein Kinase ATM, Ataxia Telangiectasia Mutated, A-T Mutated) (AP)
Product Gene Name	anti-ATM antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2C10
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ATM.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Full length recombinant corresponding to aa1-138 from human ATM with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTLHEPANSSASQSTDLCDFSGDLDPAPNPPHFPSHVVKATFAYISNCHKTKLKSILEILSKSPDSYQKILLAICEQAAETNNVYKKHRILKIYHLFVSLLLKDI
Conjugate	AP
Product Categories/Family for anti-ATM antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-ATM antibody	ELISA (EIA)
Application Notes for anti-ATM antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ATM antibody	ATM belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2,checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. A thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability associated with ataxia telangiectasia, an autosomal recessive disorder.
Other Notes	Small volumes of anti-ATM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ATM purchase	MBS6130116 is an antibody targeting ATM. Also known as ATM (Serine-protein Kinase ATM, Ataxia Telangiectasia Mutated, A-T Mutated) (AP). Reac



Testing Data of anti-ATM antibody
Detection limit for recombinant GST tagged ATM is 1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATM. It may not necessarily be applicable to this product.

NCBI GI #	13937840
NCBI Accession #	BC007023.1
NCBI Related Accession #	AAH07023.1
NCBI Official Full Name	Homo sapiens, Similar to ataxia telangiectasia mutated (includes complementation groups A, C and D), clone MGC:12371 IMAGE:3950747, mRNA, complete cds
Protein Family	Serine-protein kinase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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