

## Anti-ATM Monoclonal Antibody

Catalog Number: M00014-1

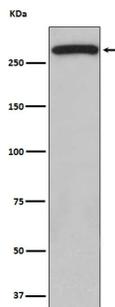
### Overview

Product Name	Anti-ATM Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATM Monoclonal Antibody catalog # M00014-1. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal AECA-1
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13315

### Technical Details

Immunogen	A synthesized peptide derived from human ATM Serine/threonine protein kinase which activates checkpoint signaling upon double strand breaks (DSBs), apoptosis and genotoxic stresses such as ionizing ultraviolet A light (UVA), thereby acting as a DNA damage sensor.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:80 FC 1:100

## Anti-ATM Monoclonal Antibody (M00014-1) Images



Western blot analysis of ATM expression in 293 cell lysate.

### 1 Publications Citing This Product

1. PubMed ID: 33281970, Wang P,Wang C,Liu C. Antitumor effects of dioscin in A431 cells via adjusting ATM/p53-mediated cell apoptosis, DNA damage and migration. *Oncol Lett.* 2021 Jan;21(1):59.doi:10.3892/ol.2020.12321.Epub 2020 Nov 19.PMID:33281970;PMCID:PMC7709553.

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