

# ATM (Phospho-Ser1981) Conjugated Antibody

Catalog No: #C14136

Package Size: #C14136-AF350 100ul #C14136-AF405 100ul #C14136-AF488 100ul #C14136-AF555 100ul #C14136-AF594 100ul #C14136-AF647 100ul #C14136-AF680 100ul #C14136-AF750 100ul #C14136-Biotin 100ul #C14136-Conjugated 50ul

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## Description

Product Name	ATM (Phospho-Ser1981) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF
Species Reactivity	Human
Specificity	Phospho-ATM (S1981) Antibody detects endogenous levels of total Phospho-ATM (S1981)
Immunogen Description	A synthesized peptide derived from human Phospho-ATM (S1981)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	kinase ATM; Serine-protein kinase ATM
Accession No.	Uniprot:Q13315
Calculated MW	370kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.