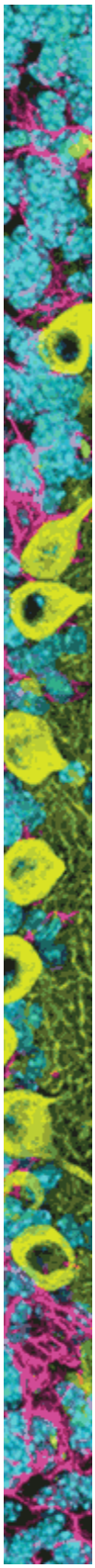
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NB100-306

ATM [p Ser1981] Antibody (10H11.E12)



Unit Size
0.1 ml

Concentration
0.97 mg/ml

Storage
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Applications
WB, ICC/IF, IHC, IHC-P, IP

Species
Human, Mouse, Rat

Molecular Weight
370kDa

Host
Mouse

Clonality
Monoclonal

Isotype
IgG1 Kappa

Purity
Protein G purified

Preservative
0.05% Sodium Azide

Updated 3/9/2013 2.0

Immunogen
Synthetic peptide made to a region surrounding the phosphorylated Serine 1981 of human ATM. [UniProt# Q13315]

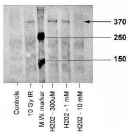
Recommended Dilutions
Immunocytochemistry/Immunofluorescence 1:1000, Immunohistochemistry 1:200, Immunohistochemistry-Paraffin 1:200, Immunoprecipitation, Western Blot 1:1000

Buffer
Tris-glycine, 150 mM NaCl

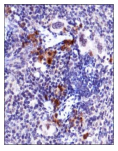
Uses
This ATM [p Ser1981] (10H11.E12) antibody useful for Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry on paraffin-embedded sections and Western blot, where a band at ~370 kDa can be seen. In IHC-P, staining was observed in the nucleus and cytoplasm of mouse spleen.

References (more available at www.novusbio.com/NB100-306)
Guerra L, Albihn A, Tronnersjo S et al. Myc is required for activation of the ATM-dependent checkpoints in response to DNA damage. PLoS One 2010 Jan 27 [PMID: 20111719] (WB, Rat, Mouse

Images
Western Blot: ATM [p Ser1981] Antibody (10H11.E12) [NB100-306] - Analysis of ATM-kinase, using NB100-306. Sample: Irradiated or peroxidated human fibroblasts.



Immunohistochemistry: ATM [p Ser1981] Antibody (10H11.E12) [NB100-306] - ATM antibody was tested in mouse spleen using DAB with hematoxylin counterstain.



Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. ***For more information on our guarantee, please visit www.novusbio.com/guarantee.***

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