

Phospho-ATM (Ser1981) Monoclonal Antibody (10H11.E12)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	10H11.E12
Conjugate	Unconjugated
Immunogen	A synthetic peptide with a phosphorylated serine (1981).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	tris glycine with 0.15M NaCl
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2062982

Applications	Tested	Dilution	Published
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:200	1 Publication
Western Blot (WB)	✓	1:1000	2 Publications
Immunocytochemistry (ICC)	✓	1:1000	
Immunofluorescence (IF)	✓	1:1000	
Immunoprecipitation (IP)	✓	1:10-1:500	

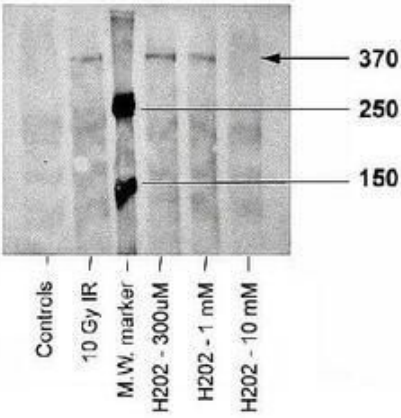
Product Specific Information

This antibody does not react with canine samples.

Suggested positive control: Irradiated normal human fibroblasts.

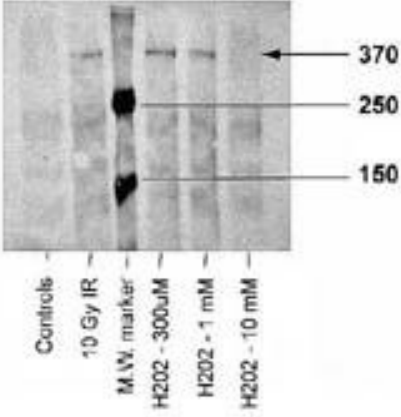
No reactivity against un-irradiated cell extracts.

Product Images For Phospho-ATM (Ser1981) Monoclonal Antibody (10H11.E12)



Phospho-ATM (Ser1981) Antibody (MA1-46069) in WB

Western Blot analysis of ATM-kinase, using Product # MA1-46069. Sample: Irradiated or peroxidated human fibroblasts.



Phospho-ATM (Ser1981) Antibody (MA1-46069) in WB

Western blot analysis of Phospho-ATM (Ser1981) using a monoclonal antibody (Product # MA1-46069).

[View more figures on thermofisher.com](http://thermofisher.com)

3 References

Immunohistochemistry (Paraffin) (1)

Molecular medicine reports

ATMJAKPDL1 signaling pathway inhibition decreases EMT and metastasis of androgenindependent prostate cancer.

"Published figure using Phospho-ATM (Ser1981) monoclonal antibody (Product # MA1-46069) in Immunohistochemistry (Paraffin)"

Authors: Zhang L,Xu LJ,Zhu J,Li J,Xue BX,Gao J,Sun CY,Zang YC,Zhou YB,Yang DR,Shan YX

Species

Not Applicable

Dilution

Not Cited

Year

2018

Western Blot (2)

Molecular medicine reports

ATMJAKPDL1 signaling pathway inhibition decreases EMT and metastasis of androgenindependent prostate cancer.

"Published figure using Phospho-ATM (Ser1981) monoclonal antibody (Product # MA1-46069) in Immunohistochemistry (Paraffin)"

Authors: Zhang L,Xu LJ,Zhu J,Li J,Xue BX,Gao J,Sun CY,Zang YC,Zhou YB,Yang DR,Shan YX

Species

Not Applicable

Dilution

Not Cited

Year

2018

PloS one

The Paradoxical Effects of Different Hepatitis C Viral Loads on Host DNA Damage and Repair Abilities.

"MA146069 was used in western blot to determine the effect of the hepatitis C viral load on host DNA damage"

Authors: Wang SC,Lai KR,Li CY,Chiang CS,Yu GY,Sakamoto N,Tu WY,Hsieh MH,Huang JF,Chuang WL,Dai CY,Yu ML

Species

Human
Not Applicable

Dilution

Not Cited
Not Cited

Year

2017

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.