

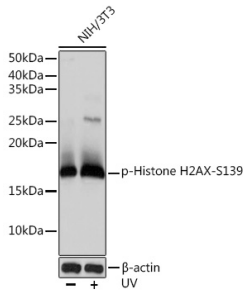
Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110] (A308961)

Specifications:

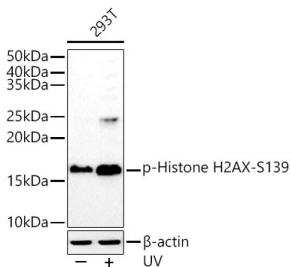
Name:	Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110]
Description:	Rabbit monoclonal [ARC0110] antibody to Histone H2A.X (phospho Ser139).
Applications:	WB, IHC
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around S139 of human Histone H2A.X (P16104).
Sequence:	TQASQ
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC0110
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	17 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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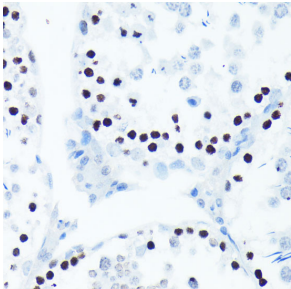
Images:



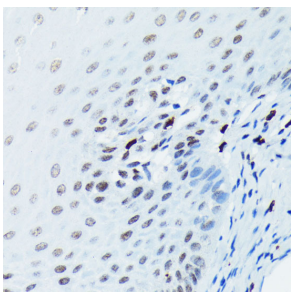
Western blot analysis of extracts of NIH/3T3 cells, using Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110] (A308961) at 1:1,000 dilution. NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% BSA. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of 293T cells, using Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110] (A308961) at 1:1,000 dilution. 293T cells were treated by UV at room temperature for 15-30 minutes. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat testis using Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110] (A308961) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophageal using Anti-Histone H2A.X (phospho Ser139) Antibody [ARC0110] (A308961) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.