

# Anti-Phospho-Histone H2A.X (Ser139) [R09-4A7] Monoclonal Antibody AGMB05246

## Description

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This Anti-Phospho-Histone H2A.X (Ser139) [R09-4A7] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGMB05246
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	H2A.X, H2AFX, H2a/x, HIST5-2AX, Histone H2A.X, gamma H2A.X, H2A histone family member X, H2A histone family member X, H2A.FX,
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>IP</b>
<b>Research Area:</b>	Epigenetics
<b>Form:</b>	Liquid

## Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R09-4A7
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P16104
<b>Immunogen:</b>	A synthetic phosphopeptide corresponding to residues surrounding Ser139 of human gamma H2A.X
<b>Gene ID:</b>	3014

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** H2AX  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Purified  
**Conjugated:** Unconjugated  
**Modification:** Phosphorylated  
**Molecular Weight:** Calculated MW: 15 kDa, Observed MW: 15 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
 Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:1000-1:5000
	IHC-P	1:200-1:1000
	ICC/IF	1:100-1:200
	IP	1:20-1:50

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.