

# Anti-Phospho-Histone H2A.X (Ser139) (2A9) [2A9-B5] Monoclonal Antibody

## AGMB05244

### Description

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This Anti-Phospho-Histone H2A.X (Ser139) (2A9) [2A9-B5] 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>	AGMB05244
<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>ICC/IF</b>
<b>Research Area:</b>	Epigenetics
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human, Mouse
<b>Clone:</b>	2A9-B5
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P16104
<b>Immunogen:</b>	Synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X.

#### Manufacturers Statement

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

**Gene ID:** 3014

**Gene Name:** H2AX

**Host Species:** Mouse

**Isotype:** IgG2a

**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 PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Antibody Dilution Ratio:**

Application	Antibody Dilution Ratio
WB	1:500-1:1000
IF	1:50-1:200

**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.