

## 10-9584: Recombinant Rabbit Monoclonal Antibody to Gamma H2AX (phospho-Ser139) (Clone: RM224)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM224
<b>Application :</b>	WB,ELISA,Multiplex,ICC
<b>Reactivity :</b>	All Species
<b>Gene :</b>	H2AFX
<b>Gene ID :</b>	3014
<b>Uniprot ID :</b>	P16104
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Histone H2A.X, H2AX
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A phospho-peptide corresponding to Phospho-Histone H2AX (Ser139)

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Clone RM224 reacts to Histone H2A.X only when phosphorylated at serine 139. No cross reactivity with other phosphorylated histones. Western Blot: 0.5 µg/ml - 2 µg/ml; ELISA: 0.2 µg/ml - 1 µg/ml; Multiplex: 0.1 µg/ml - 1 µg/ml; ICC: 0.5 µg/ml - 2 µg/ml.

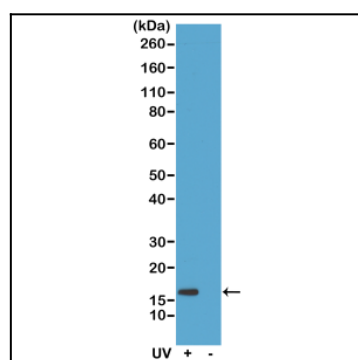


Figure 1: Western Blot of acid extracts of HeLa cells treated or non-treated with UV. Using Clone: RM224 at 0.5 µg/ml, showed a band of Histone H2A.X phosphorylated at serine 139 in HeLa cells.

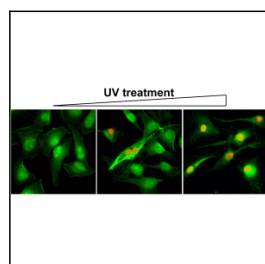


Figure 2: Immunocytochemistry of HeLa cells using gamma H2AX Rabbit mAb Clone: RM224 (red). Actin filaments have been labeled with fluorescein phalloidin (green).