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10-9571: Recombinant Rabbit Monoclonal Antibody to Phospho-Histone H4 (Ser1), H2A/H4S1p (Clone: RM216)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM216
Application :	ELISA,WB,Multiplex
Gene :	H2AFX
Gene ID :	3014
Uniprot ID :	P16104
Format :	Purified
Alternative Name :	Histone H2A.X, H2AX
Isotype :	Rabbit IgG
Immunogen Information :	A phospho-peptide corresponding to Phospho-Histone H2A (pSer1).

Product Info

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

Application Note

Clone RM216 reacts to Histone H4 or Histone H2A phosphorylated at Serine 1. No cross reactivity with other phosphorylated Histones. Western Blot: 0.5 µg/ml - 2 µg/ml; ICC: 1 µg/ml - 2 µg/ml; ELISA: 0.2 µg/ml - 1 µg/ml; Multiplex: 0.1 µg/ml - 1 µg/ml.

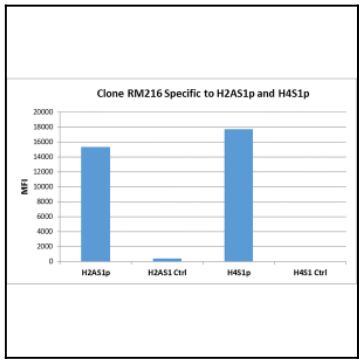

Figure 1: Clone: RM216 specifically reacts to both Histone H2A and H4phosphorylated at Serine 1 (H2AS1p and H4S1p).

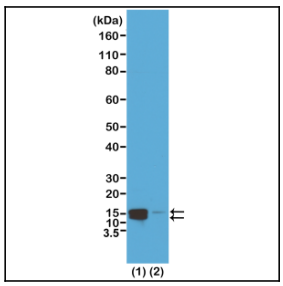

Figure 2: Western Blot of acid extracts of HeLa cells treated (1) or non-treated (2) with Nocodazole. Using Clone: RM216 at 0.5 µg/ml, showed both Histone H2A and H4 phosphorylated at Serine 1 in HeLa cells.

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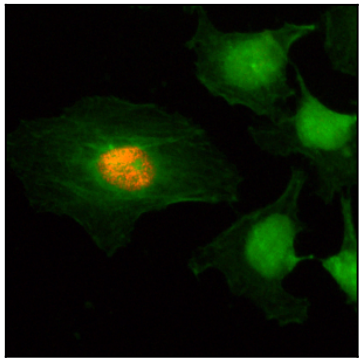

Figure 3: Immunocytochemistry of HeLa cells, using Anti-Phospho-Histone H2A/H4 (Ser1) Rabbit mAb Clone: RM216 (red). Actin filaments have been labeled with fluorescein phalloidin (green).