

10-9590: Recombinant Rabbit Monoclonal Antibody to Histone H2AX (Clone: RM214)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM214
Application :	WB,ELISA,Multiplex,ICC
Reactivity :	All Species
Gene :	H2AFX
Gene ID :	3014
Uniprot ID :	P16104
Format :	Purified
Alternative Name :	Histone H2A.X, H2AX
Isotype :	Rabbit IgG
Immunogen Information :	A peptide corresponding to the C-terminus of human Histone H2AX

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 RM214 reacts to Histone H2AX protein, independent of post-translational modifications. No cross reactivity with other histone proteins. . Western Blot: 0.5 µg/ml - 2 µg/ml; ICC: 1 µg/ml - 1 µg/ml; ELISA: 0.2 µg/ml - 1 µg/ml; Multiplex: 0.2 µg/ml - 1 µg/ml.

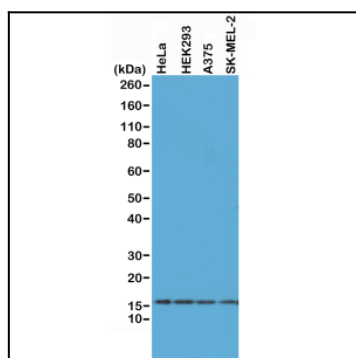


Figure 1: Western Blot of A375, HEK293, HeLa and SK-MEL-2 whole cell lysates, using Clone: RM214 at 0.5 µg/ml, showed endogenous Histone H2AX in A375, HEK293, HeLa and SK-MEL-2 cells.

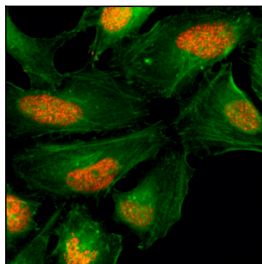


Figure 2: Immunocytochemistry of HeLa cells, using Histone H2AX Rabbit mAb Clone: RM214 (red). Actin filaments have been labeled with fluoresceinphalloidin (green).