

Recombinant Gamma H2AX Antibody (phospho S139) [clone RM224] (R20244)

Catalog No.	Formulation	Size
R20244-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20244-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

Recombinant

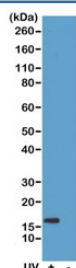
RABBIT MONOCLONAL



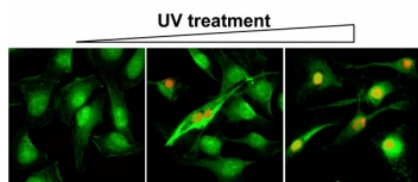
Citations (1)

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Availability	1-3 business days
Species Reactivity	Human, Vertebrates
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM224
Purity	Protein A purified from animal origin-free supernatant
UniProt	P16104
Gene ID	3014
Applications	Western Blot : 0.5-2ug/ml ELISA : 0.2-1ug/ml Immunocytochemistry : 0.5-2ug/ml
Limitations	This recombinant Gamma H2AX antibody is available for research use only.



Western blot of acid extracts of HeLa cells treated or non-treated with UV, using recombinant Gamma H2AX antibody at 0.5 ug/ml, showed a band of Histone H2A.X phosphorylated at Serine 139 in HeLa cells.



ICC/IF of HeLa cells using recombinant Gamma H2AX antibody (red). Actin filaments have been labeled with fluorescein phalloidin (green).

Description

This recombinant Gamma H2AX antibody reacts to Histone H2A.X only when phosphorylated at serine 139. No cross reactivity with other phosphorylated histones.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Gamma H2AX antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A phospho-peptide corresponding to phospho-Histone H2AX (S139) was used as the immunogen for this recombinant Gamma H2AX antibody.

Storage

Store the recombinant Gamma H2AX antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).