

Histone H2A.X Recombinant Antibody | H2A.X recombinant antibody

Phospho-Histone H2A.X (Ser139) Antibody, Rabbit Mab

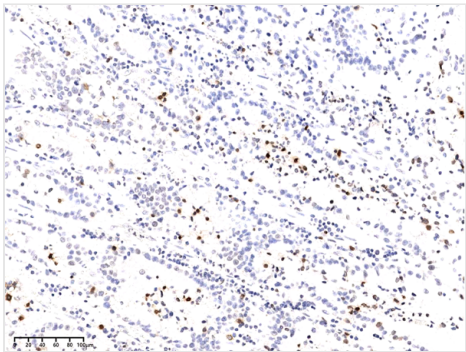
CATALOG # AAA259160	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

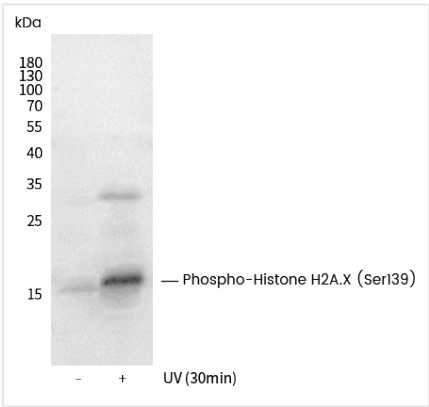
Histone H2A.X; Monoclonal Recombinant Antibody; Phospho-Histone H2A.X (Ser139) Antibody; Rabbit Mab; H2A histone family member X; Anti-H2A.X Antibody; Anti-H2A/X Antibody; Anti-H2AX Antibody; H2A.X recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	#0016
Specificity	Human Phospho-Histone H2A.X (Ser139). Human Phospho-Histone H2A.X Ser140 of P16104 in UniProt historically has been referenced as Ser139.
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for H2A.X recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to residues around Ser139 of Human Phospho-Histone H2A.X
Preparation	This antibody was obtained from a rabbit immunized with a synthetic peptide corresponding to residues around Ser139 of Human Phospho-Histone H2A.X.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human gastric cancer tissue, untreated (left) or lambda phosphatase-treated (right), using Recombinant Phospho-Histone H2A-X (Ser139) Antibody, Rabbit Monoclonal (#AAA259160) at 1:200 dilution.



WB (Western Blot)
Western blot analysis of extracts from serum-starved NIH-3T3, untreated (-); treated with UV (30 min; +), using Phospho-Histone H2A.X (Ser139) rabbit monoclonal Antibody (#AAA259160) at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for H2A.X recombinant antibody	H2AFX variants are associated with an increased risk of breast cancer (BC). H2AFX gene encodes a member of the H2A histone family which is central in the detection of and response to DNA double-strand breaks. In somatic cells, H2afx and Mdc1 are close functional partners in DNA repair and damage response. Due to the critical role of the H2AX histone variant in double-strand break repair, genetic variants in the H2AX gene, H2AFX, may influence cancer susceptibility. H2AFX encodes a histone variant involved in signaling sites of DNA damage and recruiting repair factors. Genetic variants in H2AFX may influence the risk of non-Hodgkin lymphoma (NHL), a heterogeneous group of lymphoid tumors that are characterized by chromosomal translocations.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.