

Mouse anti-Human Histone H2A.X Monoclonal Antibody | anti-H2A.X antibody

Anti-Histone H2A.X Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265989	Mouse	Human	Immunohistochemistry, Western Blot

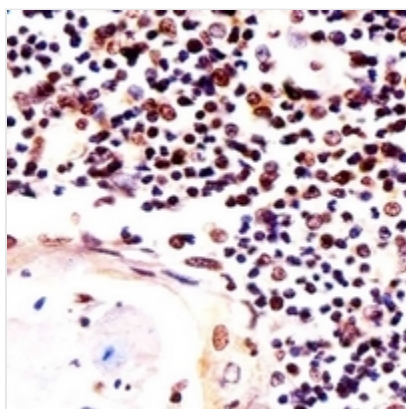
PRODUCT SYNONYMS

Histone H2A.X; Monoclonal Antibody; Anti-Histone H2A.X Antibody; anti-H2A.X antibody

PRODUCT SPECIFICATIONS

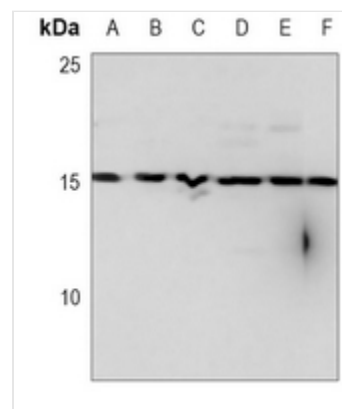
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of Histone H2A.X protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-H2A.X antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone H2A.X. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Histone H2A.X staining in human thymus formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Histone H2A.X expression in 293 (A), CEM (B), HepG2 (C), Jurkat (D), HeLa (E), Raji (F) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 15 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-H2A.X antibody	Mouse monoclonal antibody to Histone H2A.X
Product Categories/Family for anti-H2A.X antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504253
NCBI GeneID	3014
NCBI Accession #	NP_002096.1
NCBI GenBank Nucleotide #	NM_002105.2
UniProt Accession #	P16104; Q4ZGJ7; Q6IAS5
Molecular Weight	15,145 Da
NCBI Official Full Name	histone H2A.x
NCBI Official Synonym Full Names	H2A histone family, member X
NCBI Official Symbol	H2AFX
NCBI Official Synonym Symbols	H2AX; H2A.X; H2A/X
NCBI Protein Information	histone H2A.x; H2AX histone
UniProt Protein Name	Histone H2A.x
UniProt Gene Name	H2AFX
UniProt Synonym Gene Names	H2AX; H2a/x
UniProt Entry Name	H2AX_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h2ax-antibody-immunohistochemistry-western-blot-elisa/265989>