ACE Biolabs

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Datasheet

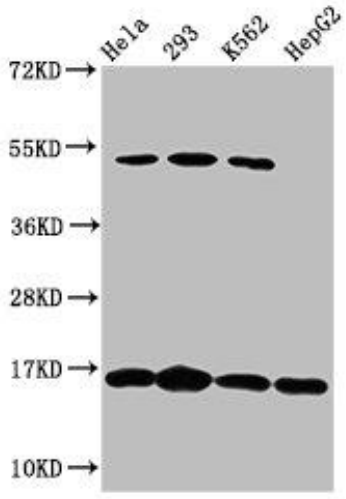
Ver.1 Date : 20190312

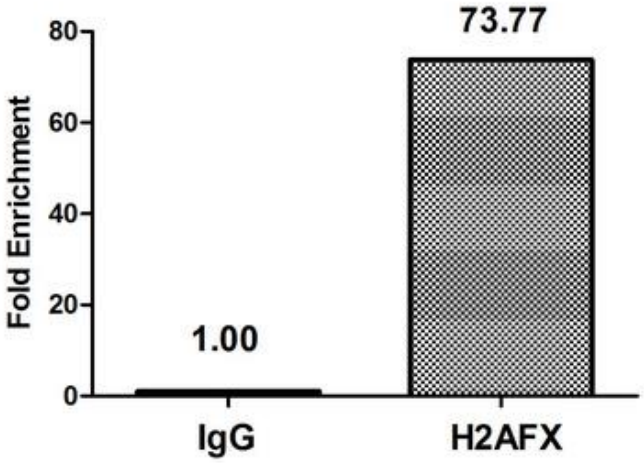
gamma-H2AX (Ser 139) Antibody

Cat# A05004PC

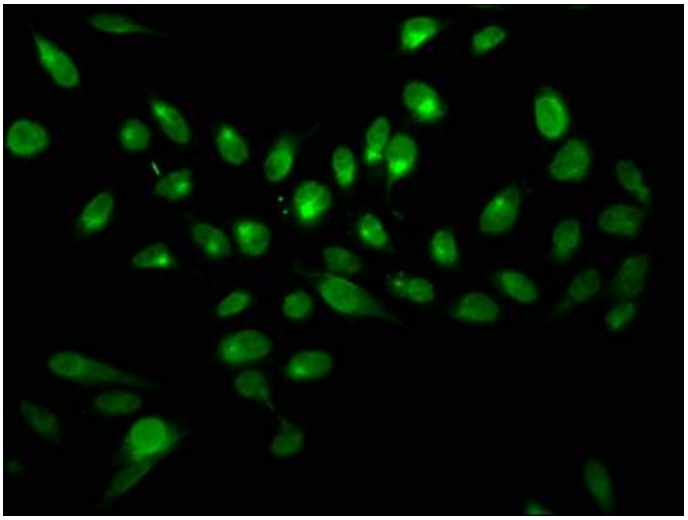
Upon receipt, store at -20°C . Avoid repeated freeze.

INFORMATION

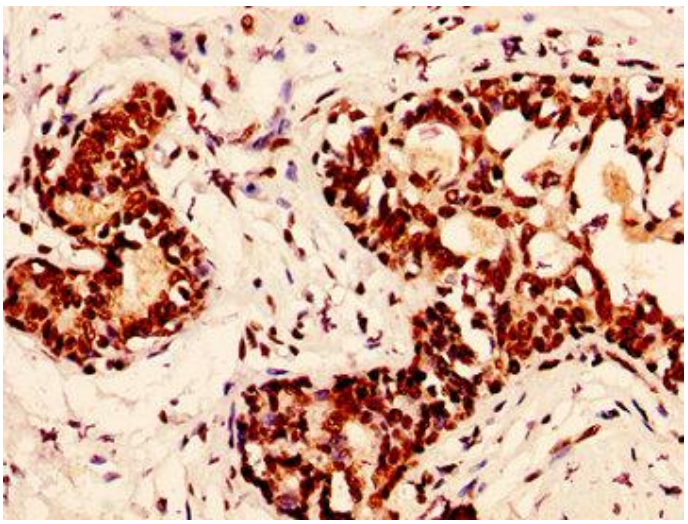
Product Name	gamma-H2AX (Ser 139) Antibody
Cat. No.	A05004PC
Size	50 µg ,100 µg
Product type	Primary Antibody
Species Reactivity	Hu
Immunogen	Peptide sequence around site of Ser (139) derived from Human Histone H2AX
Host	Rabbit
Clonality	Polyclonal
Tested applications	ELISA, WB, IHC, IF, ChIP Recommended dilution: WB:1:50-1:500, IHC:1:20-1:200, IF:1:1-1:10
Conjugation	Non-Conjugated
Purification Method	Antigen Affinity Purified
Alias	Histone H2AX (H2a/x) (Histone H2A.X), H2AFX, H2AX
Image	 Western Blot Positive WB detected in: Hela whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate All lanes: gamma-H2AX (Ser 139) Antibody at 1.64µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution



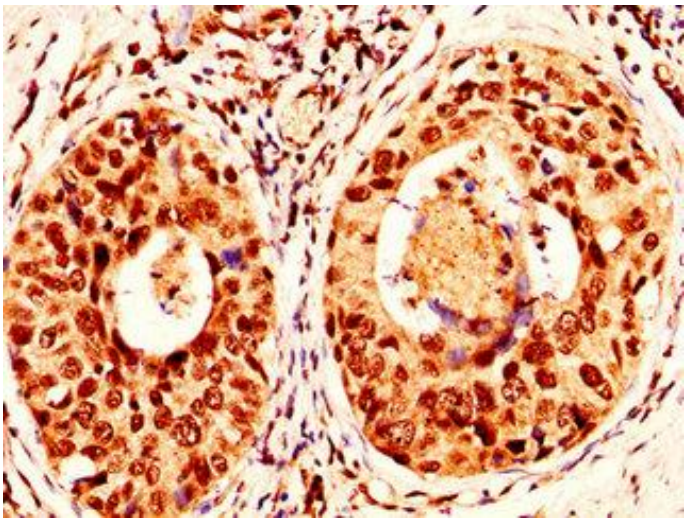
Chromatin Immunoprecipitation Hela (4*106) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5µg anti-gamma-H2AX (Ser 139) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β-Globin promoter.



Immunofluorescence staining of Hela cells with gamma-H2AX (Ser 139) Antibody at 1:2.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC image of gamma-H2AX (Ser 139) Antibody diluted at 1:50 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of gamma-H2AX (Ser 139) Antibody diluted at 1:50 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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PRODUCT USE LIMITATION

These products are intended for research use only.