

Manufacturer/Supplier:

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Product name: Rabbit anti-Histone H2A.X Antibody

Catalog: DL90524A

Synonyms: H2AX; Histone H2AX; H2a/x; Histone H2A.X

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone H2A.X. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity: Human, Rabbit

Application: WB, IHC, IF/IC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200), IF/IC (1/100 -

1/500)

Entrez Gene: 3014

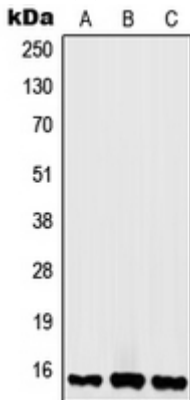
SwissProt: P16104

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of Histone H2A.X expression in Hela (A), MCF7 (B), Jurkat (C) whole cell lysates.

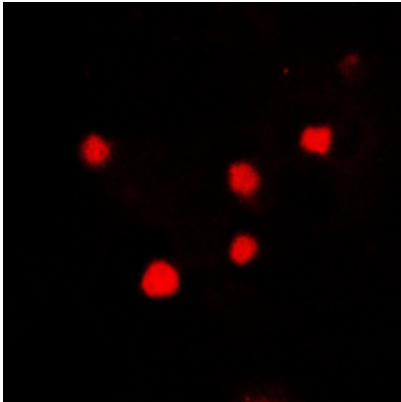


IHC description:

Immunohistochemical analysis of Histone H2A.X staining in human breast cancer 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.

IF/ICC description:

Immunofluorescent analysis of Histone H2A.X staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary a



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.