

## Anti-H2AX Antibody (R3E25)

## **Summary**

Catalog No. RHD15011

Clone ID R3E25

Host species Mouse

Tested applications FCM: 1:200-1:400, IF: 1:50-1:200, IHC: 1:200-1:1000, WB: 1:500-1:2000

Species reactivity Human

Form Liquid

Storage buffer 0.01M PBS, pH 7.4, 0.05% Sodium Azide.

Concentration 1 mg/ml

Purity >95% as determined by SDS-PAGE.

**Clonality** Monoclonal

Isotype IgG1

**Applications** FCM, IF, IHC, WB

Target H2a/x, Histone H2A.X, H2AFX, Histone H2AX, H2AX

**Purification** Protein A/G purified from cell culture supernatant.

Endotoxin level Please contact with the lab for this information.

Accession P16104

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

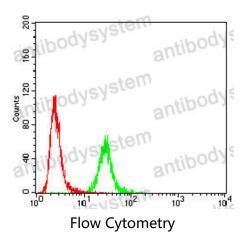
Stability and Storage Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -

80°C long term.

Note For research use only.



## Data Image

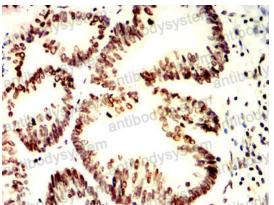


Flow cytometric analysis of Hela cells using H2AFX mouse mAb (green) and negative control (red).



Immunofluorescence

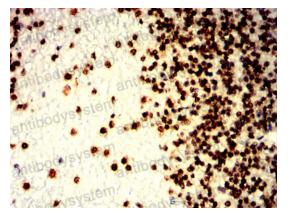
Immunofluorescence analysis of Hela cells using H2AFX mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



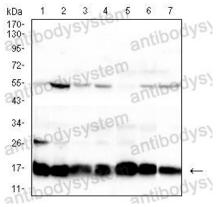
Immunohistochemical

Immunohistochemical analysis of paraffinembedded human colon cancer tissues using H2AFX mouse mAb with DAB staining.

## Recombinant Proteins & Antibodies



Immunohistochemical



Western blot

Immunohistochemical analysis of paraffinembedded human cerebellum tissues using H2AFX mouse mAb with DAB staining.

Western blot analysis using H2AFX mouse mAb against HEK293 (1), HepG2 (2), Jurkat (3), Hela (4), Raji (5), K562 (6) and HCT116 (7) cell lysate.