

anti- γ -H2AX antibody

Product Information

| | |
|---------------|---|
| Catalog No.: | FNab10441 |
| Size: | 100 μ g |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | \geq 95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

H2A.X becomes phosphorylated on serine 139 (to form gamma-H2AFX or H2AX139ph) in response to DNA double strand breaks (DSBs) generated by exogenous genotoxic agents and by stalled replication forks, which promotes DNA repair and maintains genomic stability.

Immunogen information

| | |
|--------------|--|
| Immunogen: | A synthetic phosphorylated peptide around S139 of human H2AX |
| Synonyms: | gamma H2A.X, γ H2AX, Phospho-H2AX-S139 |
| Observed MW: | 17 kDa |
| Uniprot ID : | P16104 |

Application

| | |
|-----------------------|---|
| Reactivity: | Human, Mouse, Rat |
| Tested Application: | WB, IHC, IF |
| Recommended dilution: | WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:20-1:100 |
| Image: | |

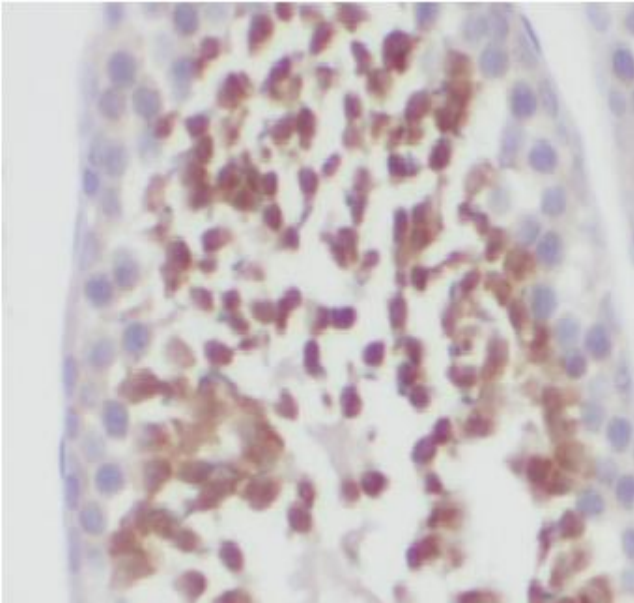
Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

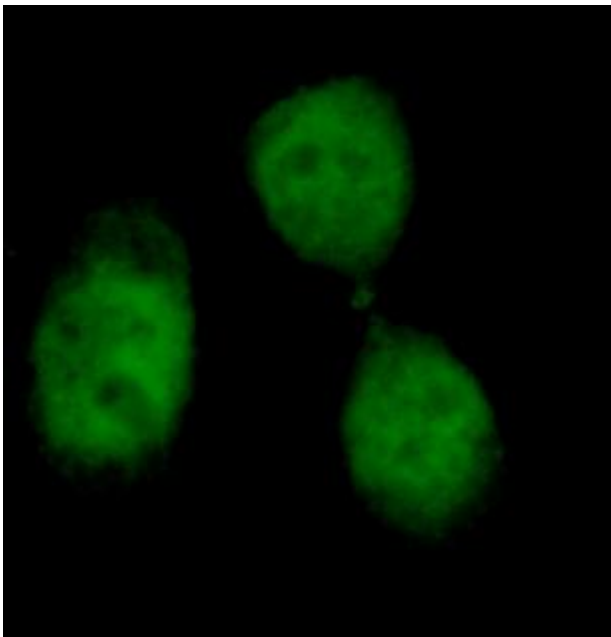
Tel : (0086)027-87384275

Fax: (0086)027-87800889

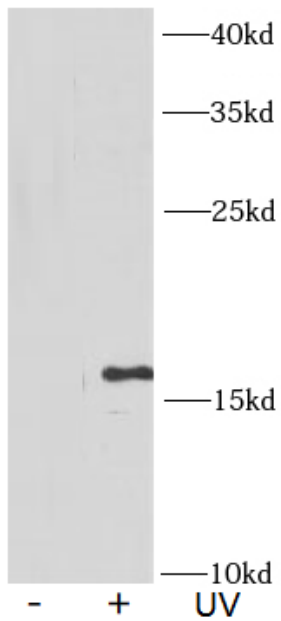
www.fn-test.com



Immunohistochemistry of paraffin-embedded mouse testis tissue slide using FNab10441(γ -H2AX Antibody) at dilution of 1:100



Immunofluorescent analysis of HeLa cells using FNab10441 (γ -H2AX antibody) at dilution of 1:100. HeLa cells were treated by UV for 15-30 minutes at RT.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab10441(γ -H2AX Antibody) at dilution of 1:1000. NIH/3T3 cells were treated by UV for 15-30 minutes.