

## anti- $\gamma$ -H2AX antibody

### Product Information

Catalog No.:	FNab10441
Size:	100 $\mu$ 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, $\gamma$ 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:	

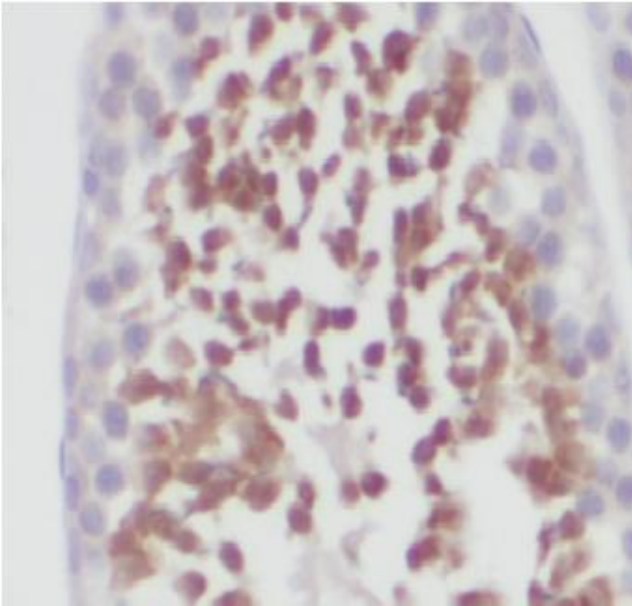
### Wuhan Fine Biotech Co., Ltd.

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

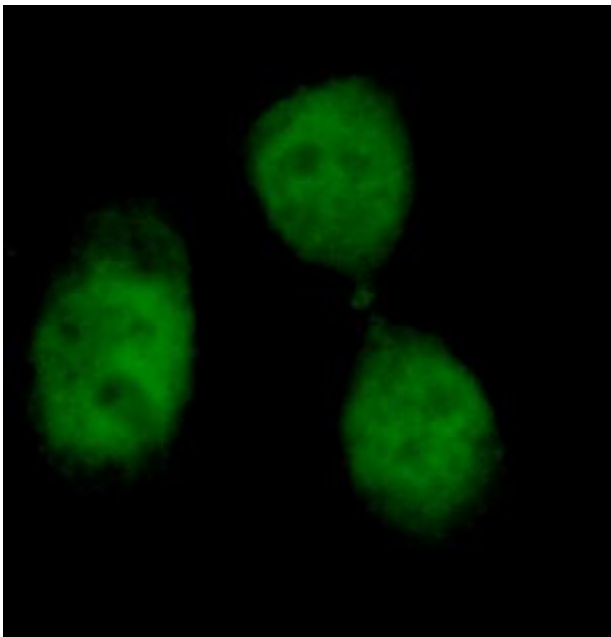
Tel : (0086)027-87384275

Fax: (0086)027-87800889

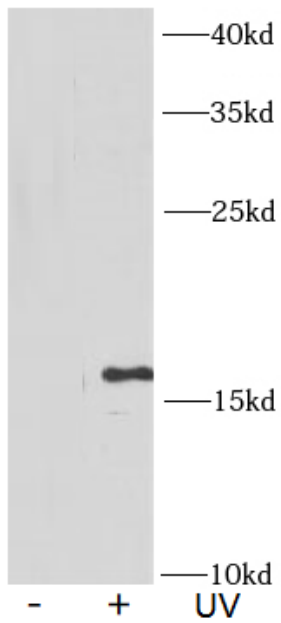
[www.fn-test.com](http://www.fn-test.com)



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



Immunofluorescent analysis of HeLa cells using FNab10441 ( $\gamma$ -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( $\gamma$ -H2AX Antibody) at dilution of 1:1000. NIH/3T3 cells were treated by UV for 15-30 minutes.