

## anti- Histone-H3 antibody

### Product Information

Catalog No.:	FNab03890
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
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

HIST2H3A, histone cluster 2, H3a. It is the core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. HIST2H3A is Expressed during S phase, then expression strongly decreases as cell division slows down during the process of differentiation.

### Immunogen information

Immunogen:	histone cluster 2, H3a
Synonyms:	H3/n, H3/o, H3F2, H3FM, HIST2H3A, HIST2H3C, HIST2H3D, histone cluster 2, H3a, Histone H3, Histone H3.2, Histone H3/m, Histone H3/o
Observed MW:	15-17 kDa
Uniprot ID :	Q71DI3

### Application

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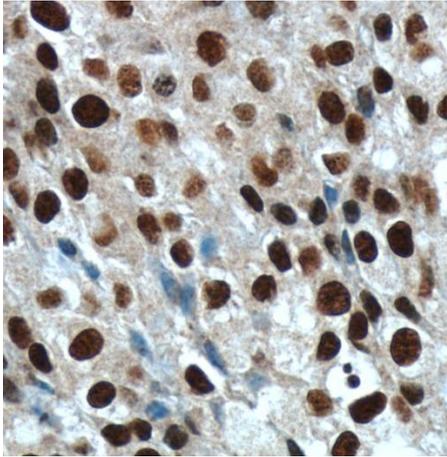
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

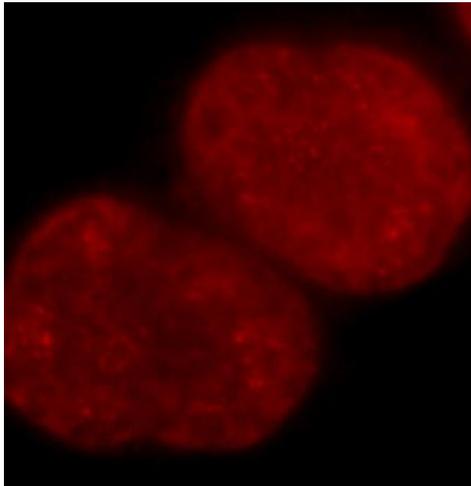
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:5000; IHC: 1:50-1:200; IF: 1:20-1:200

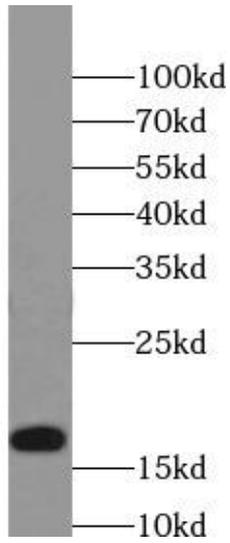
Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab03890(Histone-H3 Antibody) at dilution of 1:50



Immunofluorescent analysis of HEK-293 cells using FNab03890 (Histone-H3 Antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab03890(Histone-H3 antibody) at dilution of 1:1000