

# Product Datasheet

## Histone H3 Antibody (JJ092-08)

### NBP2-67908

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67908**

Histone H3 Antibody (JJ092-08)

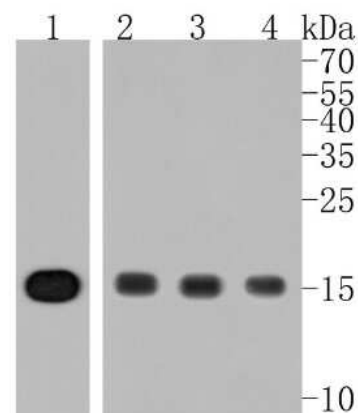
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | 1 mg/ml  |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal   |
| Clone                   | JJ092-08   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG  |
| Purity                  | Protein A purified   |
| Buffer                  | TBS (pH7.4), 0.05% BSA, 40% Glycerol   |
| Target Molecular Weight | 15 kDa   |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene Symbol         | H3C14  |
| Species             | Human, Mouse, Rat  |
| Immunogen           | Synthetic peptide within human Histone H3 aa 20-60. (SwissProt: P68431 Human; SwissProt: P84243 Human; SwissProt: Q16695 Human; SwissProt: Q6NXT2 Human; SwissProt: Q71DI3 Human; SwissProt: P68433 Mouse; SwissProt: P84228 Mouse; SwissProt: Q6LED0 Rat) |

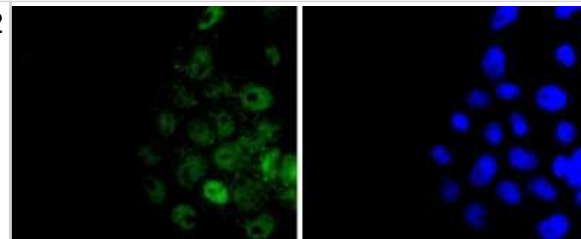
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200 |

**Images**

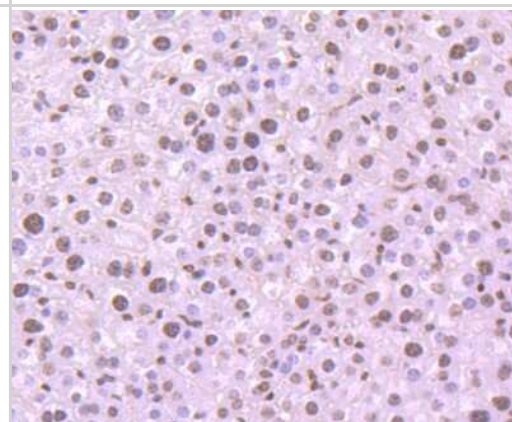
Western Blot: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Western blot analysis of Histone H3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: CRC cell lysate Lane 2: Hela cell lysate Lane 3: MCF-7 cell lysate Lane 4: NIH/3T3 cell lysate



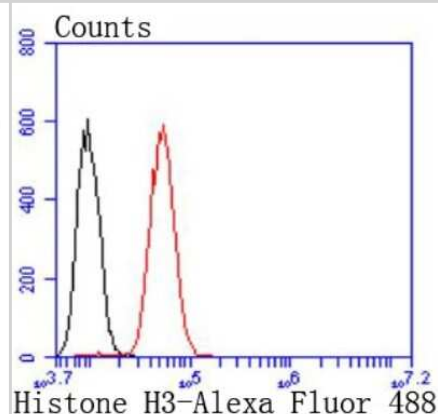
**Immunocytochemistry/Immunofluorescence:** Histone H3 Antibody (JJ092-08) [NBP2-67908] - Staining Histone H3 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



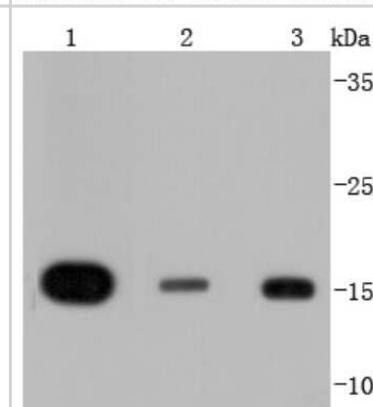
**Immunohistochemistry-Paraffin:** Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded mouse liver tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.



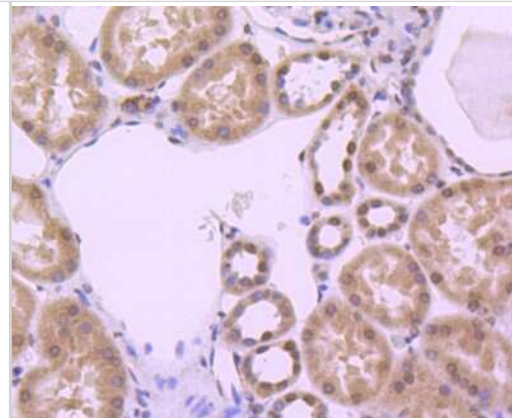
**Flow Cytometry:** Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of Hela cells with Histone H3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



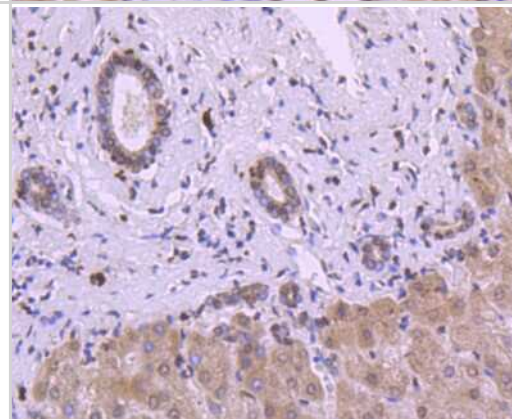
**Western Blot:** Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of Histone H3 on different lysates using anti-Histone H3 antibody at 1/1,000 dilution. Observed molecular weight is ~15 kDa. Positive control: Lane 1: Hela Lane 2: NIH/3T3 Lane 3: MCF-7



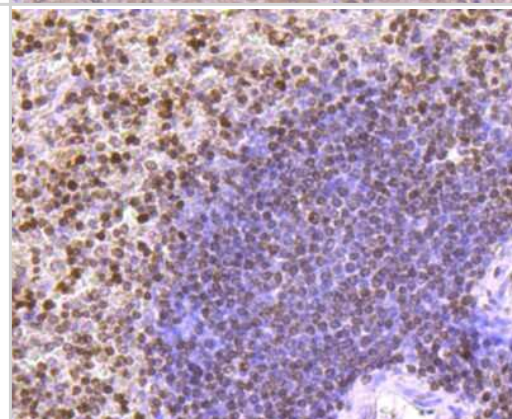
Immunohistochemistry-Paraffin: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded human kidney tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.



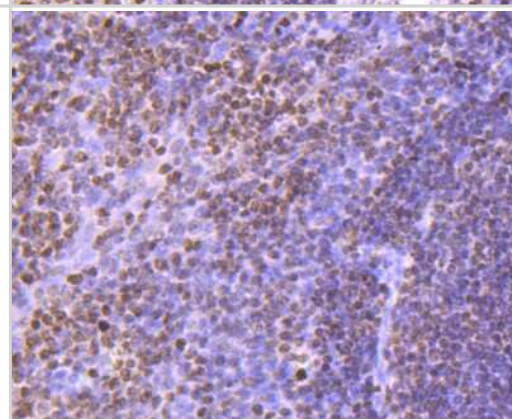
Immunohistochemistry-Paraffin: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded human liver tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.



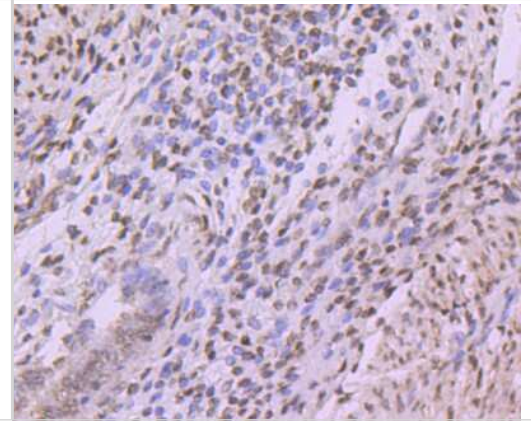
Immunohistochemistry-Paraffin: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded human spleen tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded human tonsil tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H3 Antibody (JJ092-08) [NBP2-67908] - Analysis of paraffin-embedded human uterus tissue using anti-Histone H3 antibody. Counter stained with hematoxylin.







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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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