

# Product Datasheet

## PCNA Antibody (SY12-07)

### NBP2-67390

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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**NBP2-67390**

PCNA Antibody (SY12-07)

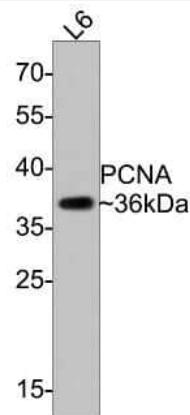
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal   |
| Clone               | SY12-07  |
| Preservative        | 0.05% Sodium Azide   |
| Isotype             | IgG  |
| Purity              | Protein A purified   |
| Buffer              | TBS (pH7.4), 0.05% BSA, 40% Glycerol   |

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Rabbit PCNA Antibody (SY12-07) (NBP2-67390) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-PCNA Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit  |
| Gene ID             | 5111  |
| Gene Symbol         | PCNA  |
| Species             | Human, Mouse, Rat   |
| Immunogen           | Synthetic peptide within Human PCNA aa 88-137 / 261. (SwissProt: P12004 Human; SwissProt: P17918 Mouse; SwissProt: P04961 Rat)  |

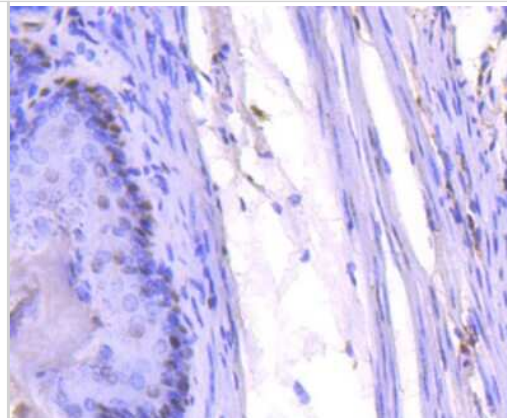
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation   |
| Recommended Dilutions       | Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100-1:500 |

**Images**

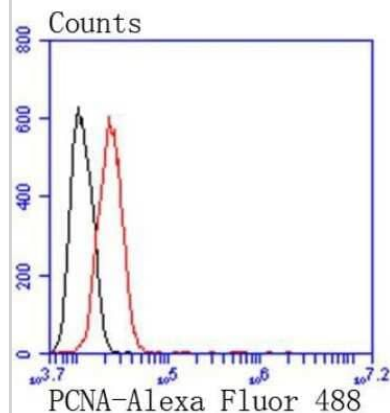
Western Blot: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of PCNA on L6 cell lysates with Rabbit anti-PCNA antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 29 kDa Observed band size: 36 kDa Exposure time: 2 minutes; 12% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



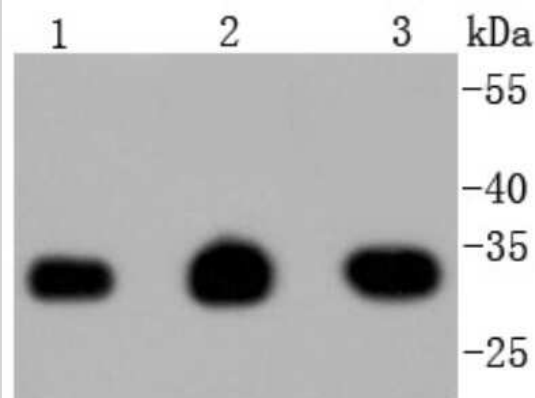
Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded mouse stomach tissue using anti-PCNA antibody. Counter stained with hematoxylin.



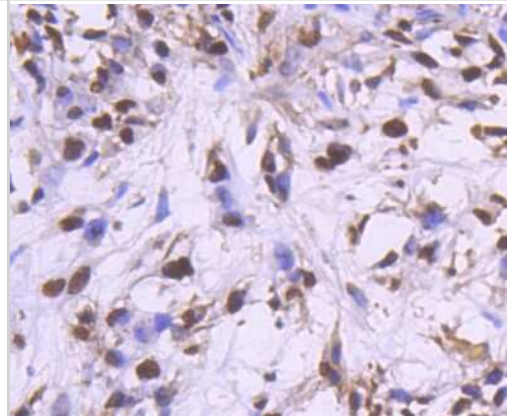
Flow Cytometry: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of HeLa cells with PCNA antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



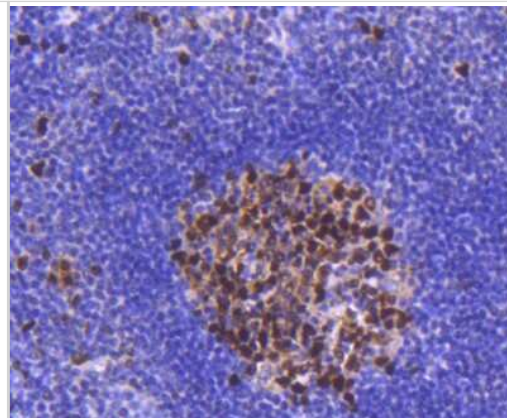
Western Blot: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of PCNA on different lysates using anti-PCNA antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: 293 Lane 3: A431



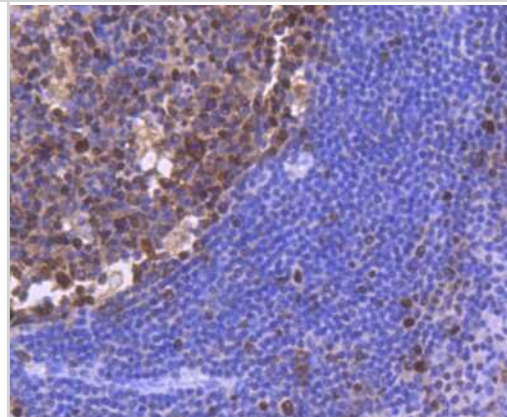
Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-PCNA antibody. Counter stained with hematoxylin.



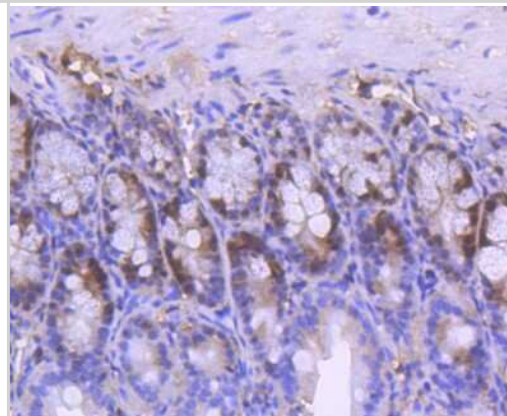
Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded human spleen tissue using anti-PCNA antibody. Counter stained with hematoxylin.



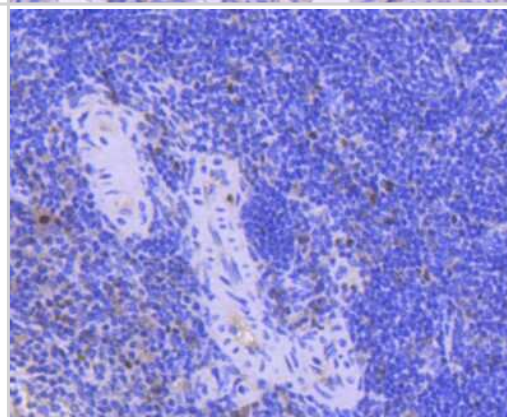
Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded human tonsil tissue using anti-PCNA antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded mouse colon tissue using anti-PCNA antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PCNA Antibody (SY12-07) [NBP2-67390] - Analysis of paraffin-embedded mouse spleen tissue using anti-PCNA antibody. Counter stained with hematoxylin.



## Publications

Acikel-Elmas M, Algilani SA, Sahin B et al. Apocynin Ameliorates Monosodium Glutamate Induced Testis Damage by Impaired Blood-Testis Barrier and Oxidative Stress Parameters Life (Basel, Switzerland) 2023-03-17 [PMID: 36983977] (IHC, Rat)



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### **Products Related to NBP2-67390**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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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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