

# Product Datasheet

## CD19 Antibody (PSH03-94)

### NBP3-32130

Unit Size: 100 ul

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

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Updated 8/7/2025 v.20.1

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**NBP3-32130**

CD19 Antibody (PSH03-94)

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	PSH03-94
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	60 kDa

Product Description	
Host	Rabbit
Gene ID	930
Gene Symbol	CD19
Species	Mouse
Immunogen	Recombinant protein within mouse CD19 protein. (Uniprot: P25918)

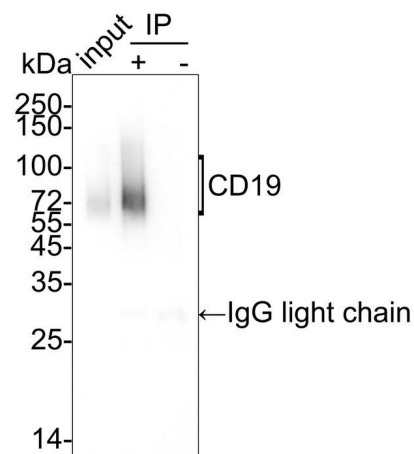
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunoprecipitation 1-2ug/sample, Immunohistochemistry-Paraffin 1:500

**Images**

Immunoprecipitation: CD19 Antibody (PSH03-94) [NBP3-32130] - CD19 was immunoprecipitated in 0.2mg Mouse spleen tissue lysate with NBP3-32130 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-32130 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: Mouse spleen tissue lysate (input)  
 Lane 2: NBP3-32130 IP in Mouse spleen tissue lysate  
 Lane 3: Rabbit IgG instead of NBP3-32130 in Mouse spleen tissue lysate

Blocking/Dilution buffer: 5% NFDM/TBST  
 Exposure time: 17 seconds



**Western Blot: CD19 Antibody (PSH03-94) [NBP3-32130]** - Western blot analysis of CD19 on mouse spleen tissue lysates with Rabbit anti-CD19 antibody (NBP3-32130) at 1/1,000 dilution.

Lysates/proteins at 20 ug/Lane.

Predicted band size: 60 kDa

Observed band size: 60-120 kDa

Exposure time: 30 seconds;

4-20% SDS-PAGE gel.

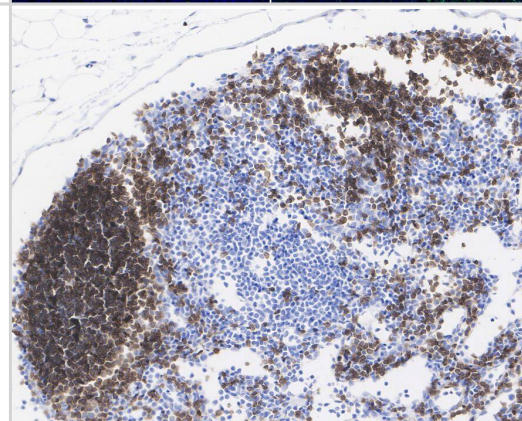
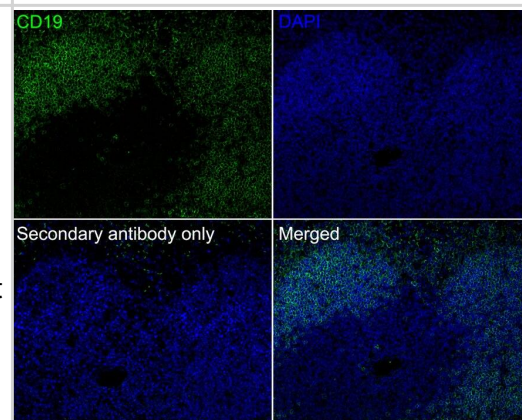
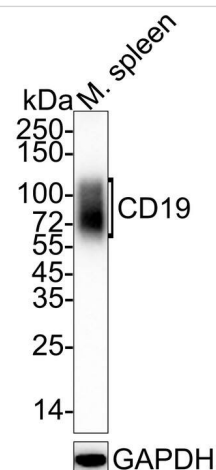
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32130) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

**Immunohistochemistry: CD19 Antibody (PSH03-94) [NBP3-32130]** - Immunofluorescence analysis of paraffin-embedded mouse spleen tissue labeling CD19 with Rabbit anti-CD19 antibody (NBP3-32130) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32130, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).

**Immunohistochemistry: CD19 Antibody (PSH03-94) [NBP3-32130]** - Immunohistochemical analysis of paraffin-embedded mouse lymph node tissue with Rabbit anti-CD19 antibody (NBP3-32130) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32130) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32130**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000930-P01-10ug	Recombinant Human CD19 GST (N-Term) Protein

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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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