

# Product Datasheet

## CD200/OX2 Antibody (PSH01-49)

### NBP3-32133

Unit Size: 100 ul

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

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**NBP3-32133**

CD200/OX2 Antibody (PSH01-49)

| 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                       | PSH01-49                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                           |
| Isotype                     | IgG                                                                                                          |
| Purity                      | Protein A purified                                                                                           |
| Buffer                      | PBS (pH7.4), 0.1% BSA and 40% Glycerol                                                                       |
| Target Molecular Weight     | 31 kDa                                                                                                       |
| Product Description         |                                                                                                              |
| Host                        | Rabbit                                                                                                       |
| Gene ID                     | 4345                                                                                                         |
| Gene Symbol                 | CD200                                                                                                        |
| Species                     | Human                                                                                                        |
| Immunogen                   | Recombinant protein within human CD200/OX2 aa 1-259 / 278. (Uniprot: P41217)                                 |
| Product Application Details |                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry                            |
| Recommended Dilutions       | Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000 |



## Images

**Western Blot: CD200/OX2 Antibody (PSH01-49) [NBP3-32133]** - Western blot analysis of CD200/OX2 on different lysates with Rabbit anti-CD200/OX2 antibody (NBP3-32133) at 1/1,000 dilution.

Lane 1: SK-MEL-28 cell lysate  
Lane 2: NCI-H226 cell lysate  
Lane 3: Human brain tissue lysate  
Lane 4: Human lung tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 31 kDa  
Observed band size: 40-50kDa

Exposure time: 2 minutes 10 seconds;

4-20% SDS-PAGE gel.

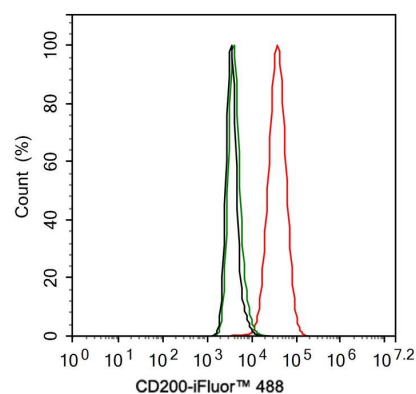
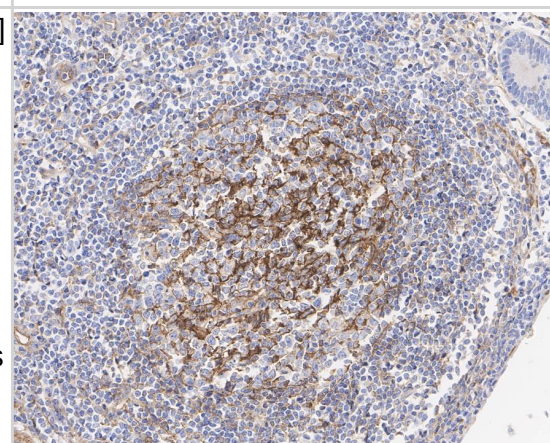
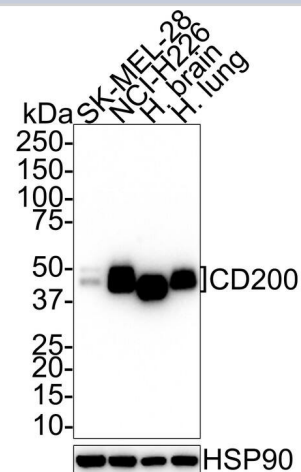
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32133) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/100,000 dilution was used for 1 hour at room temperature.

**Immunohistochemistry: CD200/OX2 Antibody (PSH01-49) [NBP3-32133]** - Immunohistochemical analysis of paraffin-embedded human lymph node tissue with Rabbit anti-CD200/OX2 antibody (NBP3-32133) at 1/2,000 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 (NBP3-32133) at 1/2,000 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.

**Flow Cytometry: CD200/OX2 Antibody (PSH01-49) [NBP3-32133]** - Flow cytometric analysis of SK-MEL-28 cells labeling CD200/OX2.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32133, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32133**

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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                          |
| 210-TA-005 | TNF-alpha [Unconjugated]                            |

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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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