

# Product Datasheet

## Claudin-6 Antibody (9H8) - BSA Free NBP3-26651-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26651-100ul**

Claudin-6 Antibody (9H8) - BSA Free

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at -20 to -70C. Avoid freeze-thaw cycles.                                             |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 9H8                                                                                         |
| <b>Preservative</b>  | 0.03% Proclin 300                                                                           |
| <b>Isotype</b>       | IgG1                                                                                        |
| <b>Purity</b>        | Affinity purified                                                                           |
| <b>Buffer</b>        | 50% Glycerol, 0.01M PBS, PH 7.4                                                             |

**Product Description**

|                    |                                                      |
|--------------------|------------------------------------------------------|
| <b>Host</b>        | Human                                                |
| <b>Gene ID</b>     | 9074                                                 |
| <b>Gene Symbol</b> | CLDN6                                                |
| <b>Species</b>     | Human, Cynomolgus Monkey                             |
| <b>Immunogen</b>   | Recombinant Human Claudin-6 protein [UniProt P56747] |

**Product Application Details**

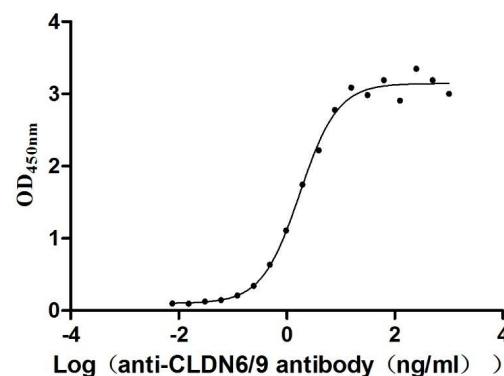
|                              |                       |
|------------------------------|-----------------------|
| <b>Applications</b>          | ELISA, Flow Cytometry |
| <b>Recommended Dilutions</b> | Flow Cytometry, ELISA |

**Images**

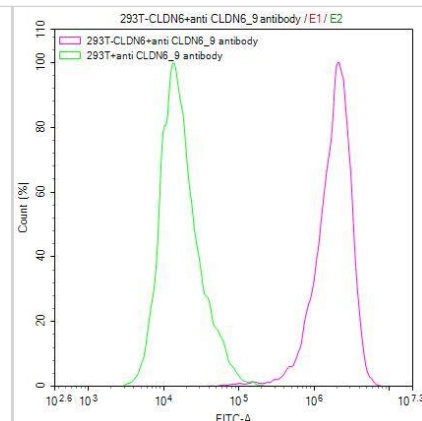
ELISA: Claudin-6 Antibody (9H8) [NBP3-26651] - The Binding Activity of Human Claudin-6 with Claudin-6 Antibody.

Activity: Measured by its binding ability in a functional ELISA.

Immobilized Human Claudin-6 at 10 ug/mL can bind Claudin-6 Antibody, the EC50 is 1.501-2.035 ng/mL.



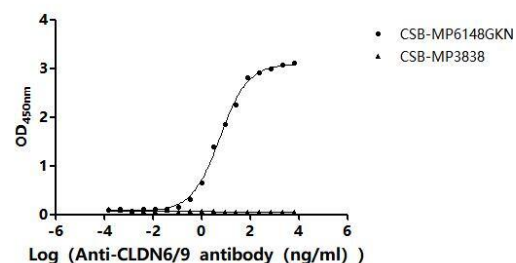
Flow Cytometry: Claudin-6 Antibody (9H8) [NBP3-26651] - Untransfected HEK293T cells (green line) and transfected Human CLDN6 HEK293T stable cells (red line) were stained with anti-CLDN6/9 recombinant antibody (2 $\mu$ g/1\*10<sup>6</sup> cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



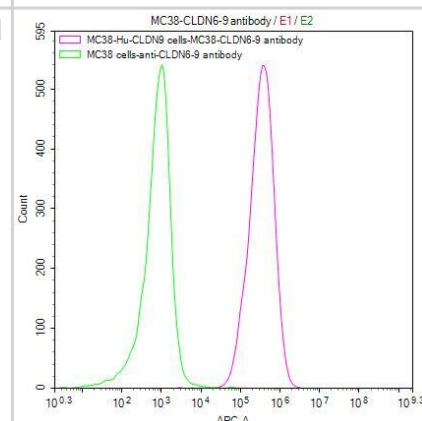
Flow Cytometry: Claudin-6 Antibody (9H8) [NBP3-26651] -Untransfected CHO-K1\*106cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



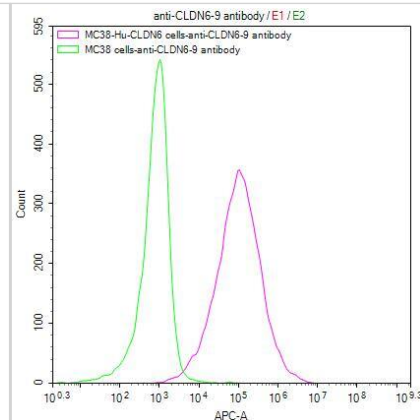
ELISA: Claudin-6 Antibody (9H8) [NBP3-26651] -The Binding Activity of Macaca fascicularis CLDN6 with Anti-CLDN6/9 Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN6 at 5  $\mu$ g/mL can bind Anti-CLDN6/9 recombinant antibody. The EC50 is 4.186-6.635 ng/mL. The VLPs (CSB-MP3838) is negative control.



Flow Cytometry: Claudin-6 Antibody (9H8) [NBP3-26651] -Untransfected MC38 cells (green line) and transfected Human CLDN9 MC38 stable cells (red line) were stained with anti-CLDN6/9 antibody (2 $\mu$ g/1\*106cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



Flow Cytometry: Claudin-6 Antibody (9H8) [NBP3-26651] -Untransfected MC38 cells (green line) and transfected Human CLDN6 MC38 stable cells (red line) were stained with anti-CLDN6/9 antibody (2 $\mu$ g/1\*10<sup>6</sup>cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.





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### **Products Related to NBP3-26651-100ul**

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|              |                                                       |
|--------------|-------------------------------------------------------|
| G-102-C      | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446       | Goat anti-Human IgG Fc Secondary Antibody             |
| DDXCH01P-100 | Human IgG1 Isotype Control                            |
| NBL1-09248   | Claudin-6 Overexpression Lysate                       |

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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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