

# Product Datasheet

## Cadherin-17 Antibody (10C12) - Humanized NBP3-28819-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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Updated 7/24/2024 v.20.1

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**NBP3-28819-100ug**

Cadherin-17 Antibody (10C12) - Humanized

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ug  |
| Concentration               | LYOPH mg/ml   |
| Storage                     | Store at -20C in powder form. Store at -80C once reconstituted.   |
| Clonality                   | Monoclonal  |
| Clone                       | 10C12   |
| Preservative                | No Preservative   |
| Reconstitution Instructions | Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex. |
| Isotype                     | IgG1  |
| Purity                      | Protein A purified  |
| Buffer                      | Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)  |

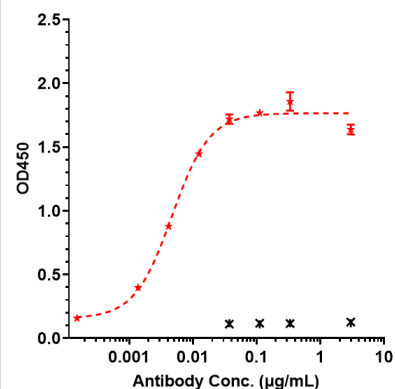
| Product Description |  |
|---------------------|--|
| Description         | Expressed from CHO. The heavy chain type is IgG1, and the light chain type is hukappa. It has a predicted MW of 143.68kDa.<br><br>Upon receipt, store immediately at -20C or lower for 24 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles. |
| Host                | Human  |
| Gene ID             | 1015   |
| Gene Symbol         | CDH17  |
| Species             | Human  |
| Immunogen           | CDH17 / Cadherin-17  |
| Endotoxin Note      | < 0.001EU/ug,determined by LAL method.   |

| Product Application Details |                                   |
|-----------------------------|-----------------------------------|
| Applications                | ELISA, Flow Cytometry, Functional |
| Recommended Dilutions       | Flow Cytometry, ELISA, Functional |

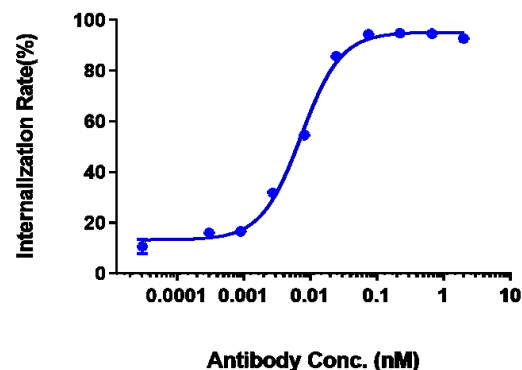


## Images

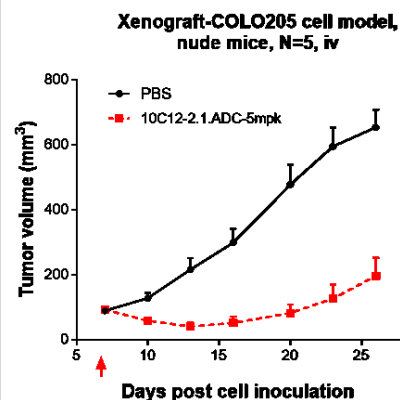
Immobilized human Cadherin-17, His Tag at 2 ug/mL can bind Cadherin-17 Antibody (10C12) - Humanized, EC50=0.00468 ug/mL.



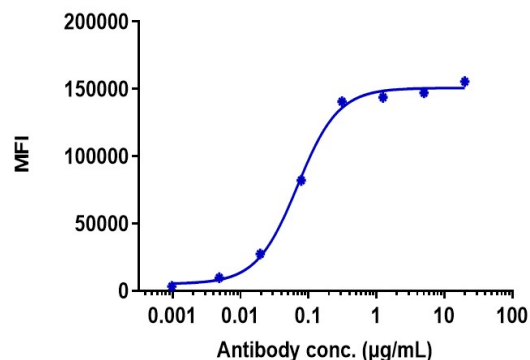
The endocytosis ratio 10C12 by Human CDH17 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 80% at antibody concentration of 2 nM.



10C12 inhibited the tumor growth of COLO205 on nude mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 70.0% at 5 mpk at D26.



Human Cadherin-17 HEK293 cells were stained with Cadherin-17 Antibody (10C12) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.06889 ug/mL.





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### **Products Related to NBP3-28819-100ug**

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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                            |
| NBP3-18199   | Recombinant Human Cadherin-17 His (C-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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