

# Product Datasheet

## Cadherin-6/KCAD Antibody (HKT288) NBP3-28075-100ug

Unit Size: 100 ug

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

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**NBP3-28075-100ug**

Cadherin-6/KCAD Antibody (HKT288)

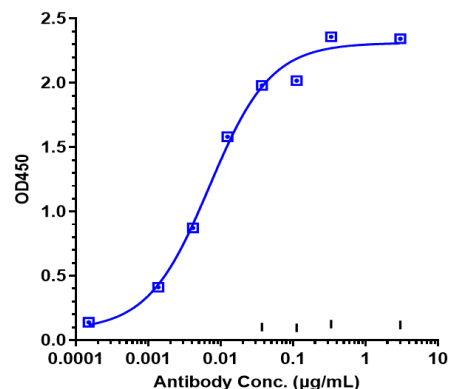
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Clone	HKT288
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. 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 hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.  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	1004
Gene Symbol	CDH6
Species	Human
Immunogen	CDH6 / K-Cadherin
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

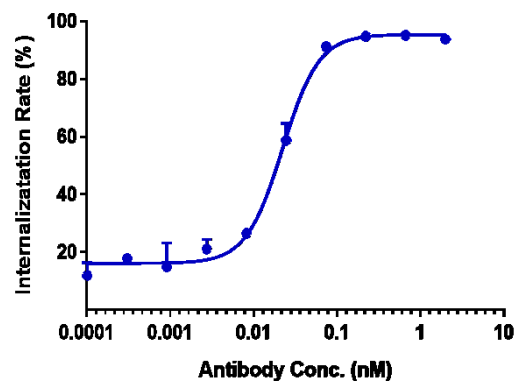
Product Application Details	
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

**Images**

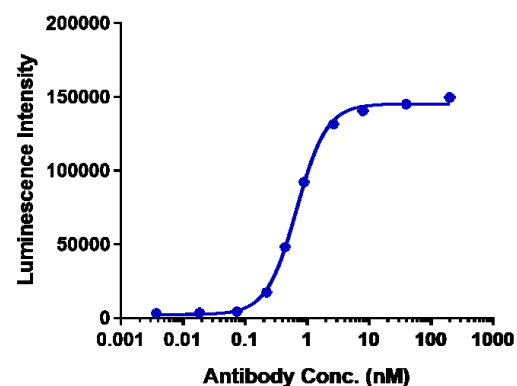
Immobilized Cyno Cadherin-6/KCAD His at 2 ug/mL can bind Cadherin-6/KCAD Antibody (HKT288), EC50=0.006944 ug/mL.



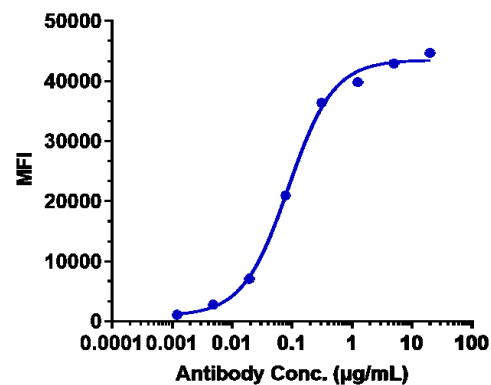
The endocytosis ratio HKT288 by Hu-CDH6-HEK293(A6) increased with the increase of antibody concentration, and the Internalization Rate (%) reached 93% at antibody concentration of 2 nM.



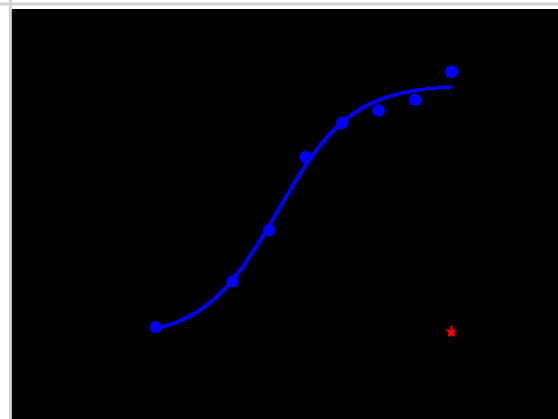
HKT288 induced OVCAR3 Luciferase activity was evaluated using huCD16a(V158)-NF-AT-Jurkat Reporter Cell. The EC50 was approximately 0.6792 nM.



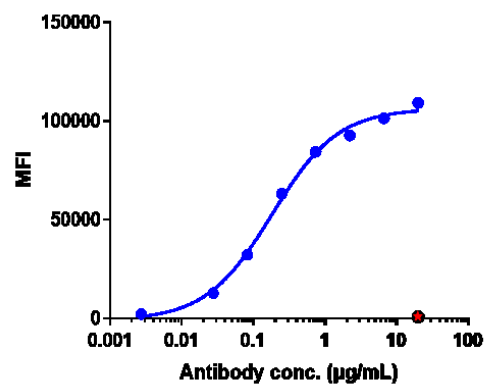
Human Cadherin-6/KCAD HEK293 (A6) cells were stained with Cadherin-6/KCAD Antibody (HKT288) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.08624  $\mu$ g/mL.



Mouse CDH6 / K-Cadherin HEK293 Cell Line were stained with HKT288 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.1068  $\mu$ g/mL.



Cynomolgus / Rhesus Macaque CDH6 / K-Cadherin HEK293 Cell Line were stained with HKT288 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.1818 ug/mL.





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### **Products Related to NBP3-28075-100ug**

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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
NBP1-87588PEP	Cadherin-6/KCAD Recombinant Protein Antigen

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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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