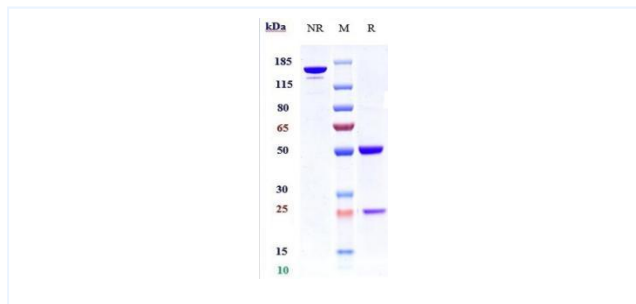


## Product Details

Product name:	Anti-human CDH6 / K-Cadherin (HKT288 Biosimilar)	SKU:	BIO0104SM
Target Name:	CDH6 / K-Cadherin	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P55285	Concentration:	Lyophilized
Clone#:	HKT288	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	144.24 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

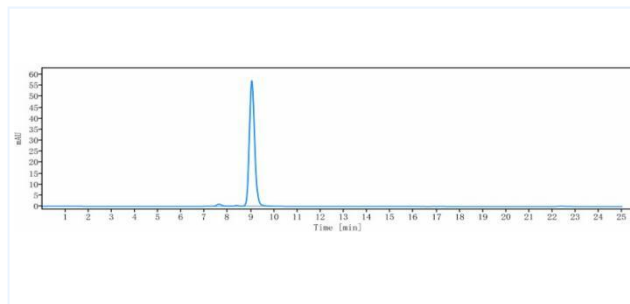
## Data

### Purity:SDS-PAGE



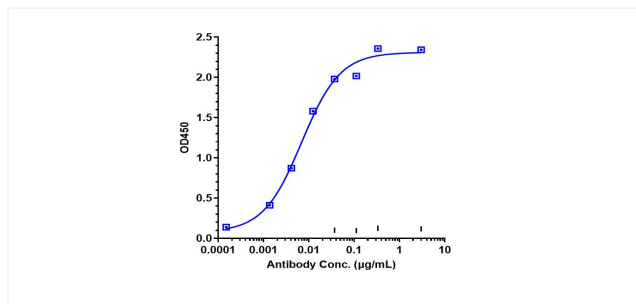
Anti-CDH6 / K-Cadherin (HKT288) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



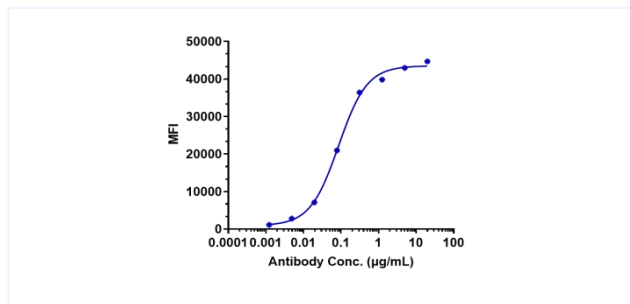
The purity of Anti-CDH6 / K-Cadherin(HKT288) is 97.93%, determined by SEC-HPLC.

### Bioactivity:ELISA



Immobilized Cyno CDH6 His at 2 ug/mL can bind Anti-CDH6 / K-Cadherin (HKT288), EC50=0.006944 ug/mL.

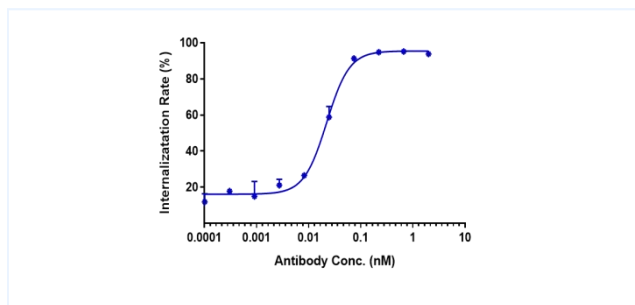
### Bioactivity:FACS



Human CDH6 HEK293 (A6) cells were stained with Anti-CDH6 / K-Cadherin (HKT288) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.08624 ug/mL.

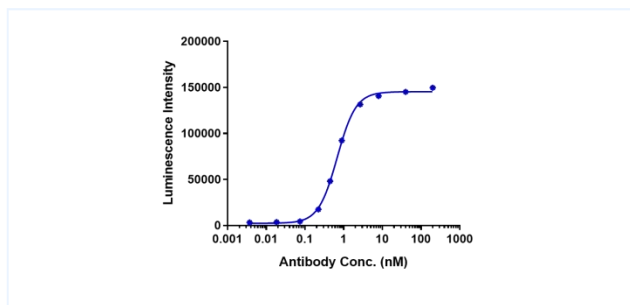
**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### Function: Internalization



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.

### Function: Luciferase



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