



CERTIFICATE OF ANALYSIS

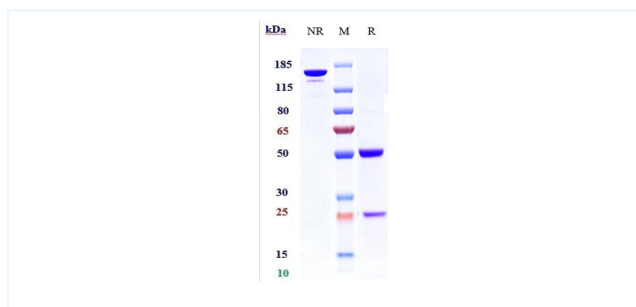


Product Details

Product name:	Anti-CDH6 / K-Cadherin Reference Antibody (HKT288)	Lot.No.:	P87834
Target Name:	CDH6 / K-Cadherin	Catalog:	CHA132
Target Accession:	P55285	Concentration:	1 mg/ml
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human [US20160046711A1]	Calculated MW:	144.24 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	Endotoxin:	<0.001 EU/ug
Contains:	No preservative	Conjugation:	Unconjugated
Formulation:	1 x PBS, pH 6.0	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditions Avoid repeated freeze-thaw cycles.	Purification:	Protein A

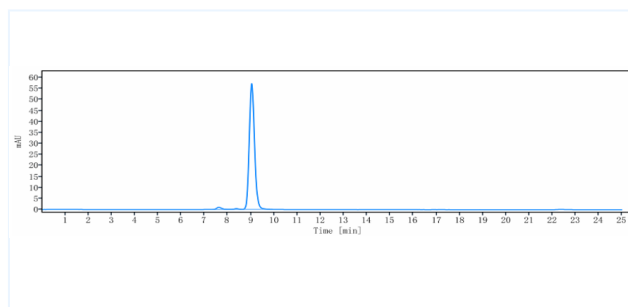
Data

Purity:SDS-PAGE



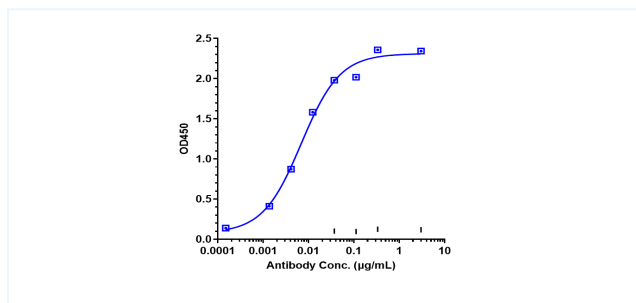
Anti-CDH6 / K-Cadherin Reference Antibody (HKT288) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



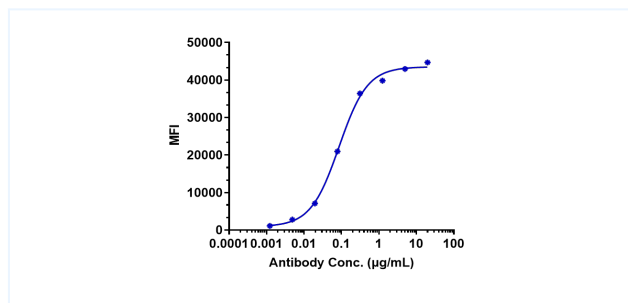
The purity of Anti-CDH6 / K-Cadherin Reference Antibody (HKT288) is 97.93%, determined by SEC-HPLC.

Bioactivity:ELISA



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

Bioactivity:FACS



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

The products are for research use only. Not for use in diagnostic procedures.

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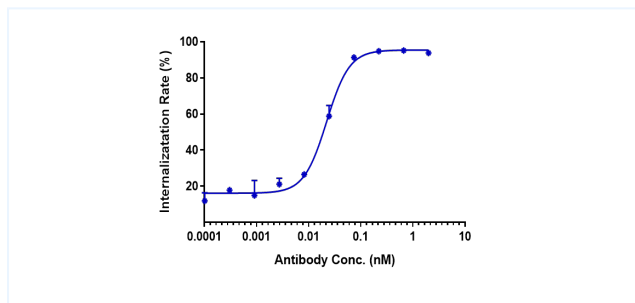
Web: www.crs.sanyoubio.com



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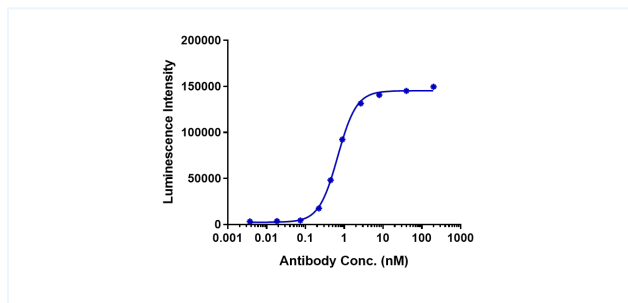


Function:Internalization



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.

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