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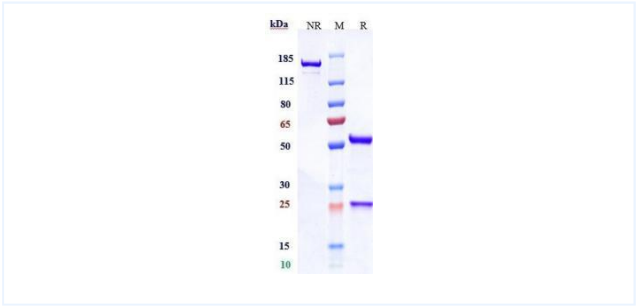
Product Details

Product name:	**Anti-human CDH17 / Cadherin-17 (10C12 Biosimilar)**	**SKU:**	**BIO0856SM**
Target Name:	**CDH17 / Cadherin-17**	**Size:**	**1 mg/5 mg/20 mg**
Target Uniprot:	**Q12864**	**Concentration:**	**Lyophilized**
Clone#:	**10C12**	**Isotype:**	**Human IgG1**
Reactivity:	**Human**	**Calculated M.W.:**	**143.68 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**

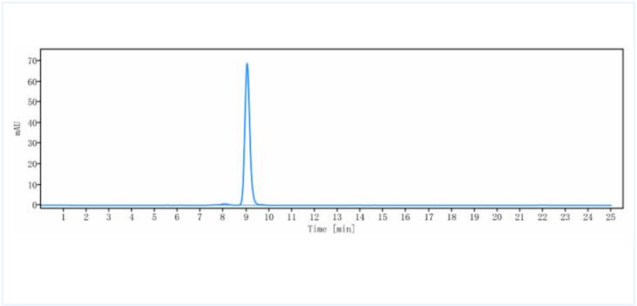
Data

Purity:SDS-PAGE



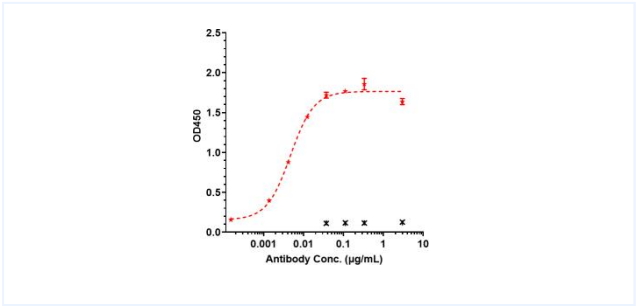
Anti-CDH17 / Cadherin-17 (10C12) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



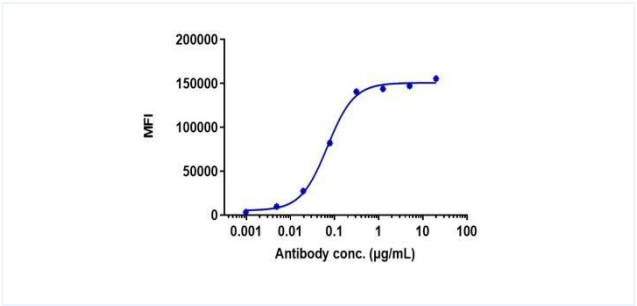
The purity of Anti-CDH17 / Cadherin-17(10C12) is 98.15%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human CDH17, His Tag at 2 ug/mL can bind Anti-CDH17 / Cadherin-17 (10C12), EC50=0.00468 ug/mL.

Bioactivity:FACS



Human CDH17 HEK293 cells were stained with Anti-CDH17 / Cadherin-17 (10C12) and negative control protein respectively, washed and then followed by PE and analyzedwith FACS, EC50=0.06889 ug/mL.

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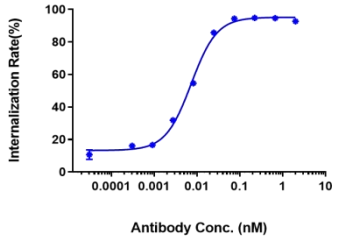
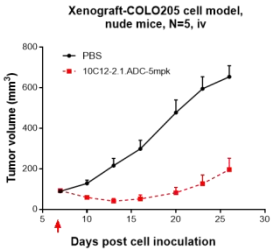
Function:Internalization



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.

Research in vivo



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