

Product Datasheet

Cadherin-17 Antibody (10C12) - Humanized - Low Endotoxin, Azide and BSA Free NBP3-28819-100ug

Unit Size: 100 ug

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

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NBP3-28819-100ug

Cadherin-17 Antibody (10C12) - Humanized - Low Endotoxin, Azide and BSA Free

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)

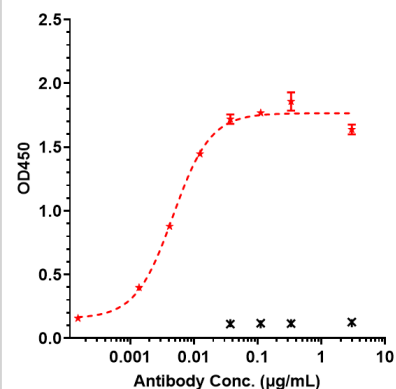
Product Description	
Description	<p>Expressed from CHO. The heavy chain type is IgG1, and the light chain type is hukappa. It has a predicted MW of 143.68kDa.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
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

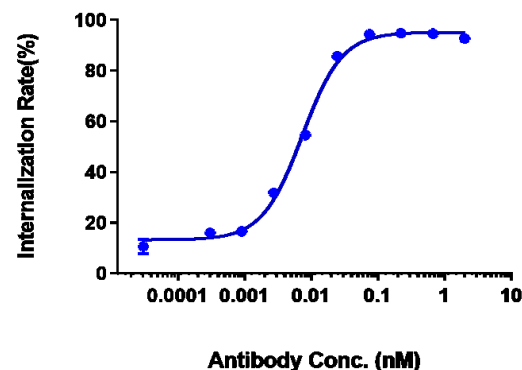


Images

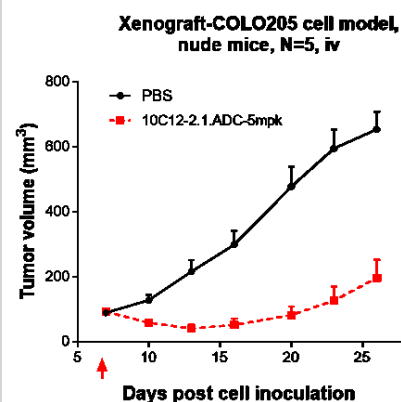
Immobilized human Cadherin-17, His Tag at 2 ug/mL can bind Cadherin-17 Antibody (10C12) - Humanized, EC₅₀=0.00468 ug/mL.



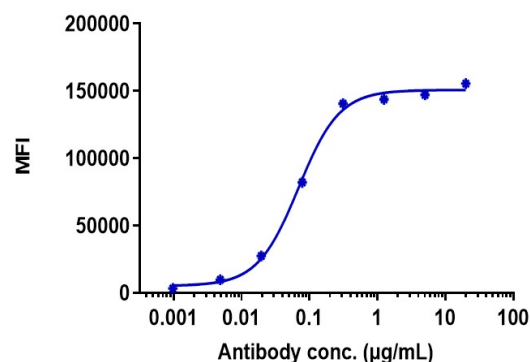
The endocytosis ratio 10C12 by Human CDH17 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 80% at antibody concentration of 2 nM.



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

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

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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