

Product Datasheet

Claudin-6 Antibody (IMAB027) - Humanized - Low Endotoxin, Azide and BSA Free NBP3-28797-100ug

Unit Size: 100 ug

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

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NBP3-28797-100ug

Claudin-6 Antibody (IMAB027) - 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	IMAB027
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

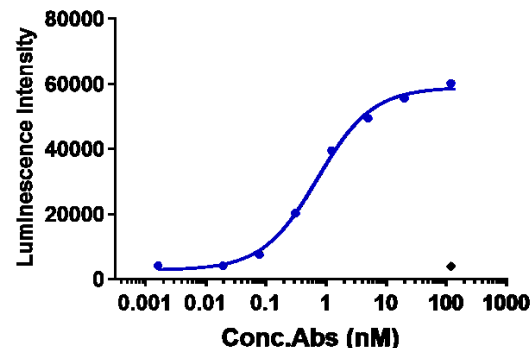
Description	It has a predicted MW of 145.5 kDa. Also known as 'IMAB027'. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles. Patent #: US20250025567
Host	Human
Gene ID	9074
Gene Symbol	CLDN6
Species	Human
Immunogen	CLDN6
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details

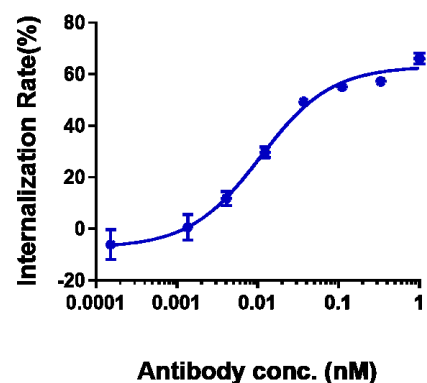
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

Images

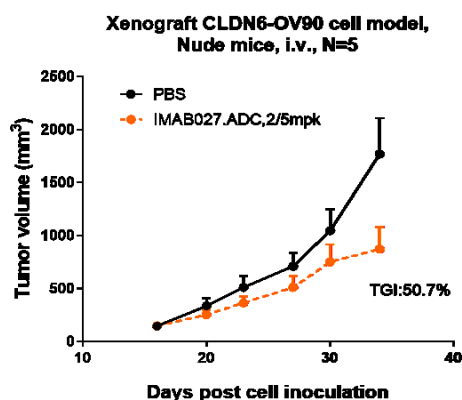
Claudin-6 Antibody (IMAB027) - Humanized induced ADCC activity was evaluated using Human CD16a (158V) (Luc) Jurkat Reporter Cell. The max induction fold was approximately 14.16.



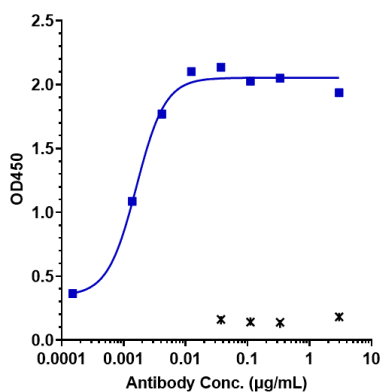
Claudin-6 Antibody (IMAB027) - Humanized by huCLDN6-HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 60% at antibody concentration of 1 nM.



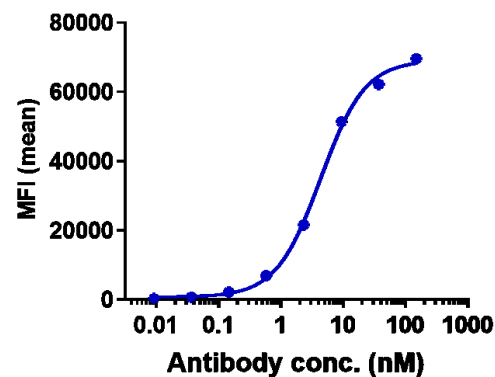
IMAB027 inhibited the tumor growth of OV90 on Balb/c nude mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 50.7% at 5 mpk at D34.



Immobilized human CLDN6 VLP at 8 ug/mL can bind Claudin-6 Antibody (IMAB027) - Humanized, EC50=0.001599 ug/mL.



Human CLDN6 CHO cells were stained with Claudin-6 Antibody (IMAB027) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=4.342 nM.





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Products Related to NBP3-28797-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
NBL1-09248	Claudin-6 Overexpression Lysate

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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