10320 Camino Santa Fe, Suite G
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Anti-CLDN6 Reference Antibody (DS-9606a)

Recombinant Antibody
Catalog # APR10015

Specification

Anti-CLDN6 Reference Antibody (DS-9606a) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	P56747
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**145.84 KDa**

Anti-CLDN6 Reference Antibody (DS-9606a) - Additional Information

Target/Specificity
CLDN6

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-CLDN6 Reference Antibody (DS-9606a) - Protein Information

Name CLDN6

Function
Plays a major role in tight junction-specific obliteration of the intercellular space.

Cellular Location
Cell junction, tight junction {ECO:0000250|UniProtKB:Q9Z262}. Cell membrane; Multi-pass membrane protein

Tissue Location
Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines

Anti-CLDN6 Reference Antibody (DS-9606a) - Protocols

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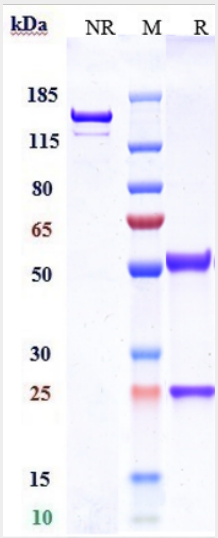
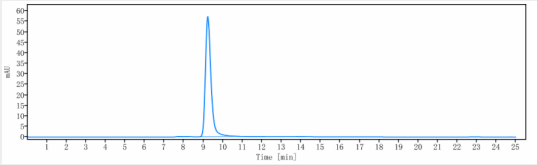
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CLDN6 Reference Antibody (DS-9606a) - Images



Anti-CLDN6 Reference Antibody (DS-9606a) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CLDN6 Reference Antibody (DS-9606a)is more than 99.37% ,determined by SEC-HPLC.

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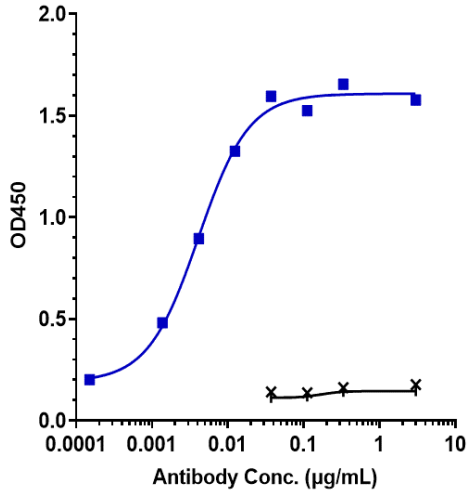
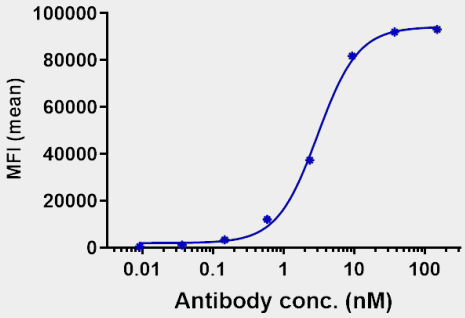
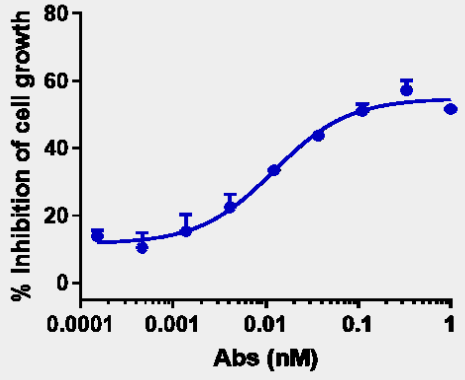


Immobilized human CLDN6 VLP Protein at 2 μg/mL can bind Anti-CLDN6 Reference Antibody (DS-9606a)，EC50=0.00407 μg/mL.



Human CLDN6 CHO cells were stained with Anti-CLDN6 Reference Antibody (DS-9606a) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC64=3.036 nM



DS-9606a by huCLDN6-HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 60% at antibody concentration of 1 nM.

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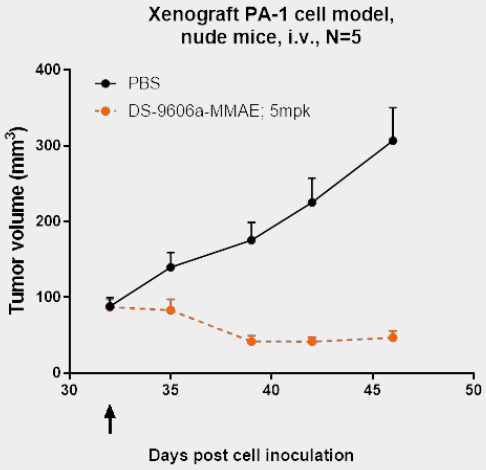

DS-9606a inhibited the tumor growth of PA-1 on Balb/c nude mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 84.7% at 5 mpk at D46.