

**Anti-CLDN6 Reference Antibody (DS-9606a)**  
**Recombinant Antibody**  
**Catalog # APR10015**

**Specification**

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

Application	FC, E, FTA
Primary Accession	<a href="#">P56747</a>
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.

**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

**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

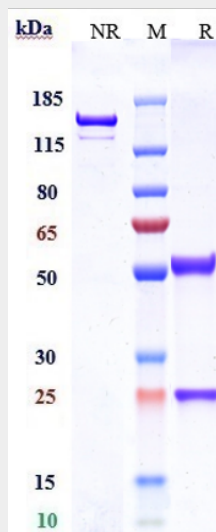
**Tissue Location**  
Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines

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

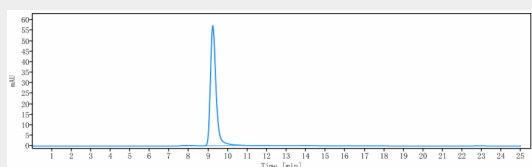
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

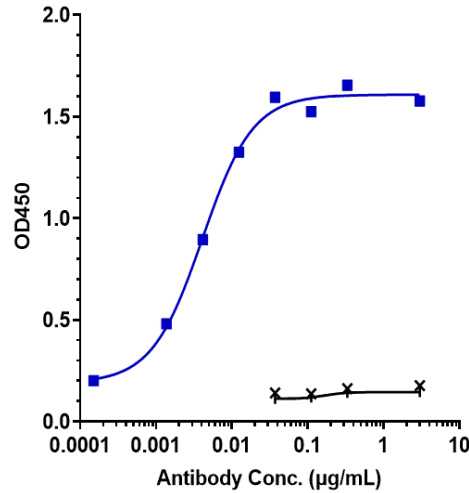
## Anti-CLDN6 Reference Antibody (DS-9606a) - Images



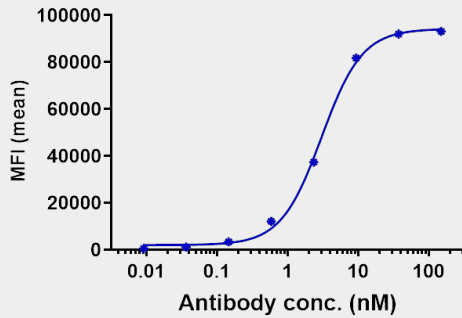
Anti-CLDN6 Reference Antibody (DS-9606a) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



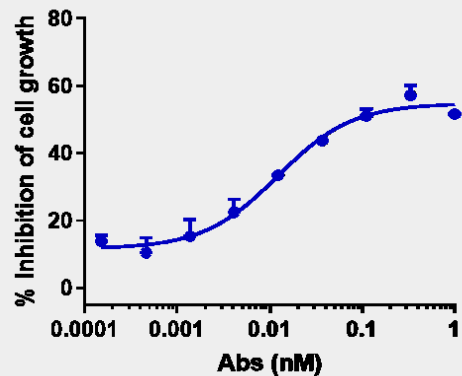
The purity of Anti-CLDN6 Reference Antibody (DS-9606a) is more than 99.37%, determined by SEC-HPLC.



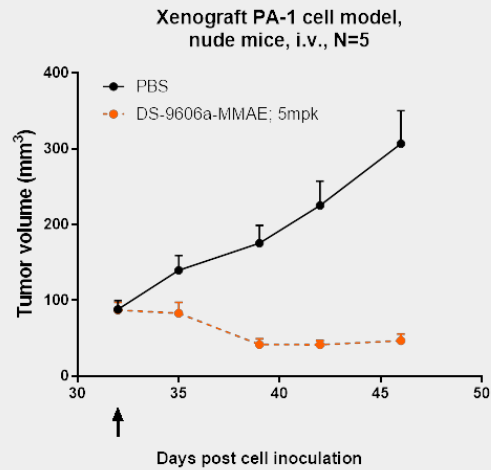
Immobilized human CLDN6 VLP Protein at 2 µg/mL can bind Anti-CLDN6 Reference Antibody (DS-9606a) □EC50=0.00407 µg/mL.



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.



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