

Anti-CLDN6 Reference Antibody (DS-9606a)

Recombinant Antibody
Catalog # APR10015

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P56747
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	23292

Additional Information

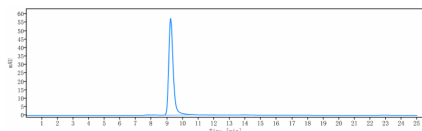
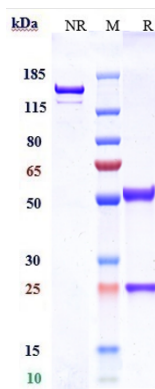
Target/Specificity	CLDN6
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

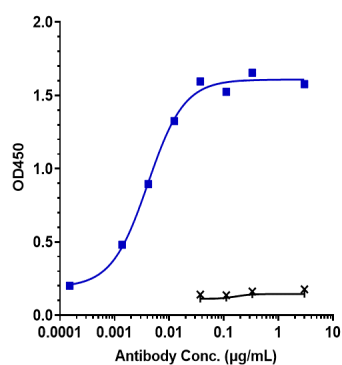
Name	CLDN6
Function	Plays a major role in tight junction-specific obliteration of the intercellular space.
Cellular Location	Cell junction, tight junction {ECO:0000250 UniProtKB:Q9Z262}. Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines

Images

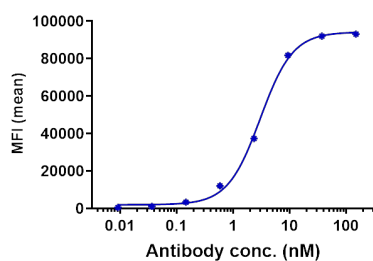
Anti-CLDN6 Reference Antibody (DS-9606a) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



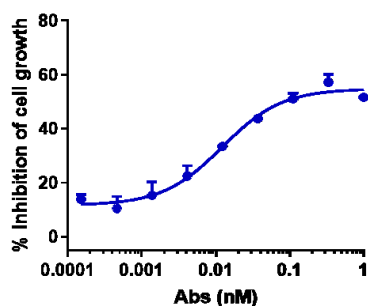
The purity of Anti-CLDN6 Reference Antibody (DS-9606a) is more than 99.37%, determined by SEC-HPLC.



Immobilized human CLDN6 VLP Protein at 2 $\mu\text{g/mL}$ can bind Anti-CLDN6 Reference Antibody (DS-9606a), $\text{EC}_{50}=0.00407 \mu\text{g/mL}$.

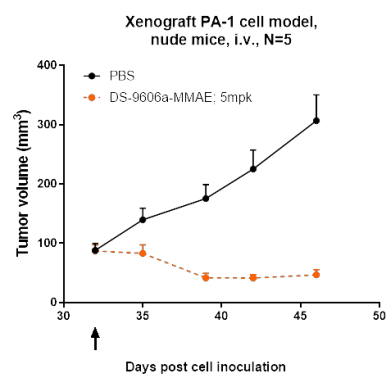


Human CLDN6 CHO cells were stained with Anti-CLDN6 Reference Antibody (DS-9606a) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $\text{EC}_{50}=3.036 \text{ nM}$



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.



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