

Mouse CLDN6 Monoclonal Antibody | anti-CLDN6 antibody

CLDN6 Mouse mAb

CATALOG # AAA328872	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	--	---

PRODUCT SYNONYMS

CLDN6; Monoclonal Antibody; CLDN6 Mouse mAb; Claudin-6; Claudin6; CLD6_HUMAN; CLDN 6; OTTHUMP00000159248; Skullin 2; Skullin; UNQ757/PRO1488; anti-CLDN6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AFB17981
Specificity	Affinity-chromatography.
Form/Format	Liquid. Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-CLDN6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Fragment	Fab fragment
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA328872 at 1/200 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22Å°C. An HRP conjugated goat anti-Mouse antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328872 at 1/200 staining human breast cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22Å°C. An HRP conjugated goat anti-Mouse antibody was used as the secondary antibody.



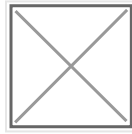
IHC (Immunohistochemistry)

AAA328872 at 1/200 staining human liver cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-Mouse antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328872 at 1/200 staining human liver cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-Mouse antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using CLDN6 Mouse mAb. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN6 antibody

Function: Plays a major role in tight junction-specific obliteration of the intercellular space.(Microbial infection) Acts as a receptor for hepatitis C virus (HCV) entry into hepatic cells.

Subcellular Location: Cell junction>Tight junction. Cell membrane>Multi-pass membrane protein.

Tissue Specificity: Expressed in the liver, in peripheral blood mononuclear cells and hepatocarcinoma cell lines.

Subunit Structure: Directly interacts with TJP1/ZO-1, TJP2/ZO-2 and TJP3/ZO-3 (By similarity). Interacts with CLDN1, CD81 and OCLN (PubMed:20375010).

Similarity: Belongs to the claudin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NP_067018.2
UniProt Accession #	P56747
Molecular Weight	Observed Molecular Weight: (Observed)24kD Predicted Molecular Weight: (Calculated)23kDa
NCBI Official Full Name	claudin-6
NCBI Official Synonym Full Names	claudin 6
NCBI Official Symbol	CLDN6
NCBI Protein Information	claudin-6
UniProt Protein Name	Claudin-6
UniProt Gene Name	CLDN6
UniProt Entry Name	CLD6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

