

## ARG67081 anti-Claudin 6 antibody [SQab30353]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab30353] recognizes Claudin 6
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30353
Isotype	IgG
Target Name	Claudin 6
Species	Human
Immunogen	Synthetic peptide of Claudin 6.
Conjugation	Un-conjugated
Alternate Names	CLDN6; Claudin 6; Claudin-6; Skullin

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100-1:200

**Application Note** IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

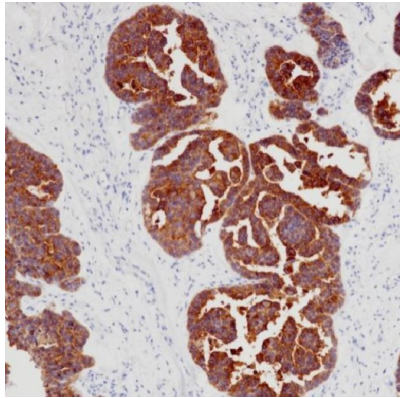
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	CLDN6
Gene Full Name	Claudin 6
Background	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.
Function	Plays a major role in tight junction-specific obliteration of the intercellular space.
Calculated Mw	23 kDa
PTM	Phosphoprotein
Cellular Localization	Cell junction, Cell membrane, Membrane, Tight junction

## Images

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ARG67081 anti-Claudin 6 antibody [SQab30353] HC-P image

Immunohistochemistry: Human ovarian cancer stained with ARG67081 anti-Claudin 6 antibody [SQab30353].