

Product datasheet

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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.

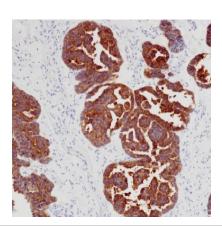
Function Plays a major role in tight junction-specific obliteration of the intercellular space.

Calculated Mw 23 kDa

PTM Phosphoprotein

Cellular Localization Cell junction, Cell membrane, Membrane, Tight junction

Images



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

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