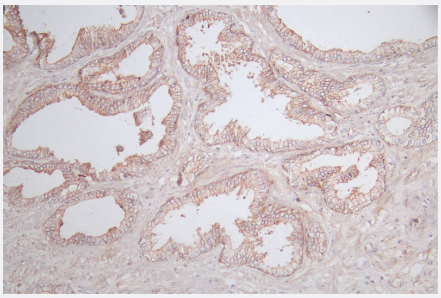
RecomAb™

CLDN5 recombinant monoclonal antibody, clone 13G6

Catalog # RAB07785 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of CLDN5 recombinant monoclonal antibody, clone 13G6 diluted at 1:100 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CLDN5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CLDN5.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of CLDN5 recombinant monoclonal antibody, clone 13G6 diluted at 1:100 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLDN5

Entrez GeneID	7122
Protein Accession#	O00501
Gene Name	CLDN5
Gene Alias	AWAL, BEC1, CPETRL1, TMVCF
Gene Description	claudin 5
Omim ID	602101
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent s olutes and water from passing freely through the paracellular space between epithelial or endothel ial cell sheets. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	androgen withdrawal and apoptosis induced protein RVP1-like|transmembrane protein deleted in velocardiofacial syndrome

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration

- Tight junction

Disease

- Chromosome Deletion
- Schizophrenia