

## Claudin 5 Polyclonal Antibody

**Catalog No.** E-AB-70148

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

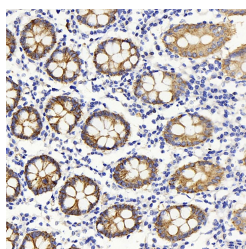
### Description

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                                      |
| <b>Immunogen</b>    | KLH conjugated Synthetic peptide corresponding to Mouse claudin 5          |
| <b>Host</b>         | Rabbit                                                                     |
| <b>Isotype</b>      | IgG                                                                        |
| <b>Purification</b> | Affinity purification                                                      |
| <b>Conjugation</b>  | Unconjugated                                                               |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4 |

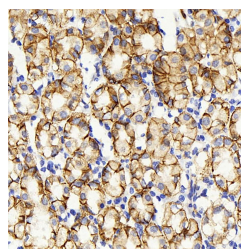
### Applications Recommended Dilution

**IHC** 1:200-1:1000

### Data



Immunohistochemistry analysis of paraffin-embedded human colon using Claudin 5 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human stomach using Claudin 5 Polyclonal Antibody at dilution of 1:400.

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

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 solutes and water from passing freely through the paracellular space between epithelial or endothelial 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

### For Research Use Only