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# **Recombinant Claudin 1 Monoclonal Antibody**

catalog number: AN300979L

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

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Claudin 1 protein

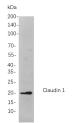
HostRabbitIsotype $IgG,\kappa$ CloneB730PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**IHC** 1:200-1:1000 **WB** 1:1000-1:5000

#### Data



Calculated-MW:22 kDa

Western Blot with Recombinant Claudin 1 Monoclonal Immunohistochemistry of paraffin-embedded mouse

Antibody at dilution of 1:1000 dilution. Lane A: HepG2 cells. mammary gland using Recombinant Claudin 1 Monoclonal

Observed-MW:19 kDa Antibody at dilution of 1:200.

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

### **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. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome.

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