

Claudin 3 (AB1534) mouse mAb

V0060

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 23 kDa (calculated)
- 20 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

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

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1534

Immunogen A synthetic peptide corresponding to the amino acid region 150 - 220 of the human Claudin 3 protein.

Specificity The antibody can specifically recognize human Claudin 3 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CLDN3 C7orf1 CPETR2

Protein Name Claudin 3

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O15551	1365

Background Claudin 3 is a 22 kDa membrane protein, belonging to the tight junction protein family. It plays the role of tight junction through calcium independent cell adhesion activity. It is expressed in the junction between ductal epithelium and acinar epithelium. There was an increased expression in ovarian cancer, and decreased expression in breast cancer was associated with epithelial mesenchymal transition phenotype.