

Claudin 3 (AB1448) mouse mAb

W0328

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 23 kDa (calculated)
- 22 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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	AB1448
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		
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.
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