

cadherin (AB1277) mouse mAb

W0269

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- kDa (calculated)
- 130 kDa (observed)

Isotype

- IgG2a, 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 AB1277

Immunogen A synthetic peptide corresponding to the amino acid region 800 - 882 according to Cadherin - 1 of the human cadherin protein.

Specificity The antibody can recognize many isotypes of cadherin including E-cadherin, N-cadherin, P-cadherin and R-cadherin. In western blotting of A431 and MCF7 cell lysates, the antibody can label a 130 kDa band.

Purification Affinity purification Protein A

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

Target Information

Gene name CDH1/CDH2/CDH4

Protein Name cadherin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P55285; P22223;	P12830;

Background Cadherin is a kind of adhesion protein which belongs to a transmembrane glycoprotein superfamily. It plays an important role in structural integrity of epithelia. This antibody can detect many isotypes of cadherin.