

p120 catenin (AB1263) mouse mAb

W0382

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 108 kDa (calculated)
- 108 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 AB1263

Immunogen A synthetic peptide corresponding to the amino acid region 600 - 700 of the human p120 catenin protein.

Specificity The antibody can specifically recognize human p120 catenin protein. In western blotting of Hela, A431 and HEK293 cell lysates, the antibody can label a band with molecular weight around 100~110 kDa.

Purification Affinity purification Protein A

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

Target Information

Gene name CTNND1

Protein Name p120 catenin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O60716	1500

Background α-Catenin, β-Catenin, γ-catenin and p120 catenin are members of the connexin family and mediate intercellular adhesion together with E-cadherin. P120 catenin binds to the near membrane region of E-cadherin to form a complex, which is stable and closely linked. In lobular breast cancer, E-cadherin deficiency resulted in the accumulation of p120 catenin in the cytoplasm, while in ductal breast cancer, p120 catenin in the membrane decreased and there was no accumulation of p120 catenin in the cytoplasm. Therefore, it can be used to distinguish lobular carcinoma from ductal carcinoma. Studies have shown that p120 catenin in the cytoplasm of gastric and colon cancer is related to poor adhesion of cancer cells.



2200 Ringwood Ave. San Jose, CA 95131
1 (877) 594-3616 (Toll Free), (408) 747-0185

www.assaybiotechnology.com
tech@assaybiotech.com | order@assaybiotech.com
