

Beta-catenin (AB1496) mouse mAb

W0266

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 84 kDa (calculated)
- 94 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 AB1496

Immunogen A synthetic peptide corresponding to the amino acid region 700 - 781 of the human Beta - catenin protein.

Specificity The antibody can specifically recognize human β -Catenin protein. In western blotting of Hela, A431 and HEK293 cell lysates, the antibody labels β -Catenin, no reaction with α or γ -catenin.

Purification Affinity purification Protein A

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

Target Information

Gene name CTNNB1

Protein Name Beta-catenin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P35222	1499

Background β -Catenin is a key regulatory protein in Wnt signaling pathway. Under normal conditions, β -Catenin protein is mainly found in the cell membrane of normal cells. It leads to accumulation in the nucleus after mutation. It is mainly used for the diagnosis, invasion and metastasis mechanism of malignant tumors, such as colon cancer, lung cancer, prostate cancer, esophageal cancer, breast cancer and so on.