

Beta-catenin (AB1496) mouse mAb

V0154

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 84 kDa (calculated)
- 94 kDa (observed)

Isotype

- IgG2b, 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	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.
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.
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