

P-cadherin (AB1019) mouse mAb

W0387

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- IHC, WB, IF, ELISA

MW

- 91 kDa (calculated)
- 120 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

IHC, WB, IF, ELISA

Dilution

WB, 1:500-1:2000 | IHC-P, 1:50-1:200 | IF, 1:100-400 | 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	AB1019
Immunogen	A synthetic peptide corresponding to the amino acid region 450-550 of the human P-cadherin protein.
Specificity	This antibody detects endogenous levels of P-cadherin 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	CDH3		
Protein Name	P-cadherin		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P22223	1001

Background	cadherin 3(CDH3) Homo sapiens This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene are associated with hypotrichosis with juvenile macular dystrophy and ectodermal dysplasia, ectrodactyly, and macular dystrophy syndrome (EEMS). [provided by RefSeq, Nov 2015],
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W0387-V.2-EN



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
