

CDH3 monoclonal antibody, clone 6A9

Catalog # MAB14720

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native human CDH3.
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Immunogen	A431 trypsinized membranes.
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Host	Mouse
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Theoretical MW (kDa)	116
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Reactivity	Human
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Form	Liquid
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Purification	Protein A/G purification
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Isotype	IgG1, kappa
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Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
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Storage Buffer	In 10 mM PBS.
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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot
- Immunofluorescence
- Flow Cytometry

Gene Info — CDH3

Entrez GeneID	1001
Protein Accession#	P22223
Gene Name	CDH3
Gene Alias	CDHP, HJMD, PCAD
Gene Description	cadherin 3, type 1, P-cadherin (placental)
Omim ID	114021 601553
Gene Ontology	Hyperlink
Gene Summary	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin 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 have been associated with congenital hypotrichosis with juvenile macular dystrophy. [provided by RefSeq]
Other Designations	cadherin 3, type 1 calcium-dependent adhesion protein, placental

Publication Reference

- [Aberrant P-cadherin expression is a feature of clonal expansion in the gastrointestinal tract associated with repair and neoplasia.](#)
 Sanders DS, Perry I, Hardy R, Jankowski J.
 The Journal of Pathology 2000 Apr; 190(5):526.

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Colitis](#)
- [Genetic Predisposition to Disease](#)