

Basic Information

Product Name	Anti-P-Cadherin/CDH3 Antibody (Clone#OTI2D5)	
Gene Name	CDH3	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG2a	
Species Reactivity	human	
Tested Application	WB, IHC, ICC/IF	
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full length human recombinant protein of human CDH3(NP_001784) produced in HEK293T cell.	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	88.8 kDa	
Dilution Ratios	Western blot (WB):	1:4000
	Immunohistochemistry (IHC):	1:150
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

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, Jul 2008]

Selected Validation Data

Product datasheet

**Anti-P-Cadherin/CDH3 Antibody
(Clone#OTI2D5)**

Catalog Number: M03353-1

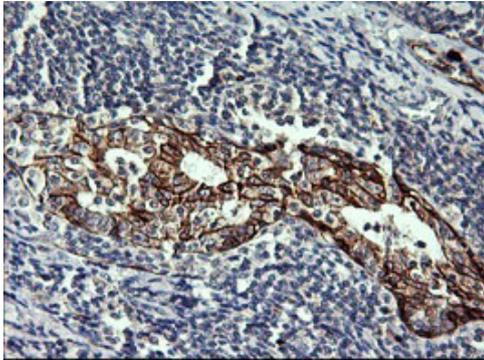
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Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CDH3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, M03353-1)