

## cadherin pan (PT1718) mouse mAb

<b>Catalog No.</b>	IML0101
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	IHC-p; IF/ICC
<b>Gene Name</b>	cadherin pan
<b>Protein Name</b>	cadherin pan
<b>Human Gene Id</b>	-
<b>Swiss-Prot</b>	P12830:P19022:P22223:P55283:O75309
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse:IgG1, Kappa
<b>Dilution</b>	IHC-p: 1:100-1:200 IF: 1:50-1:200
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration</b>	1.38mg:mL
<b>Storage&amp;Stability</b>	-20°C:1 year
<b>Background</b>	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. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16.
<b>Subcellular Location</b>	Membranous
<b>BiowMW</b>	-

### Products Images:



Immunohistochemical analysis of paraffin-embedded Colon carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).