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pan Cadherin Rabbit mAb

货号: AYM30988

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	140kDa
实测分子量	140kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse liver
细胞定位	actin cytoskeleton,adherens junction,apical junction complex,cell junction,cytoplasm,cytoplasmic side of plasma membrane,endosome,extracellular exosome,extracellular region,flotillin complex,glutamatergic synapse,lateral plasma membrane,perinuclear region of cytoplasm,plasma membrane,trans-Golgi network
纯化	Affinity purification

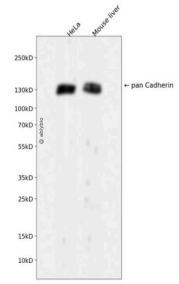
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human pan Cadherin .

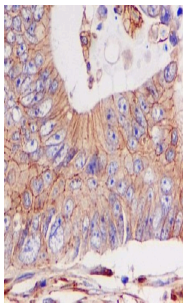
靶点信息

研究背景	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 gen erate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extr acellular 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 thi s gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metast asis. 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 ca dherin family on chromosome 16. [provided by RefSeq, Nov 2015]
基因ID	999,1000,1001,1001,1002,12561
基因名	CDH1,CDH2,CDH3,CDH3,CDH4
Swiss	P12830P19022P22223P33151P55283P39038 (https://www.uniprot.org/uniprotkb/P12830P19022P22223P33151P55283P39038/entry)
别名	pan Cadherin,Cadherin antibody,CDH3 antibody,CDHP antibody,7B4 antigen antibody,Cadherin-1 antibody,Cadherin-2 antibody,Cadherin-3 antibody,Cadherin-4 antibody,Cadherin-5 antibody,CAM 120/80 antibody,CD144 antibody,CD324 antibody,CD325 antibody,Cdh4 antibody,CDH5 antibody,CDHE antibody,CDHN antibody,E-cadherin antibody,Epithelial cadherin antibody,N-cadherin antibody,NCAD antibody,Neural cadherin antibody,P-cadherin antibody,Placental cadherin antibody,UVO antibody,Uvomorulin antibody,pan Cadherin Rabbit mAb,CDH1,CDH2,CDH3,CDH4

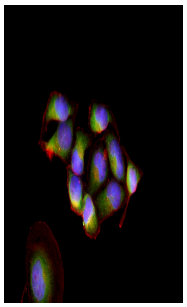
产品验证



Western blot analysis of pan Cadherin expressed in HeLa,Mouse liver using pan Cadherin Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded colon cancer, using pan Cadherin Antibody .



Immunofluorescence analysis of HeLa cells labelling pan Cadherin with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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