

Product overview

product name	cadherin pan (PT1718) mouse Monoclonal Antibody
catalog No.	ATA25727
Category	Primary antibodies
Host	Mouse/IgG1, Kappa
Species specificity	Human
Tested applications	IHC-p, WB, IF
Clonality	Monoclonal
Conjugation	Unconjugated
Immunogen	Synthesized peptide derived from human cadherin pan

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1 year
Purity	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Dilution range

IHC-p 1:100-500 , WB 1:500-2000 , IF 1:500-200

Product background

cadherin 1(CDH1) 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. 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. [provided by RefSeq, Nov 2015],

