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39-1082: Anti-Pan-Cadherin Monoclonal Antibody (Clone: CH-19)

Clonality :	Monoclonal
Clone Name :	CH-19
Application :	WB
Reactivity :	Human
Gene :	CDH3
Gene ID :	1001
Uniprot ID :	P22223
Alternative Name :	Cadherin 3, type 1, P-cadherin (Placental) ; Placental cadherin, CDHP
Isotype :	Mouse IgG1
Immunogen Information :	Synthetic peptide corresponding to the C-terminal amino acids of chicken N-Cadherin with an extra N-terminal lysine residue(24 amino acids) coupled to KLH.

Description

Cadherins are calcium-dependent cell-cell adhesion molecules that mediate cell-cell binding in a homophilic manner. They play an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Cadherin expression is regulated spatially as well as temporally. Cadherins are though to play an important role in development and maintenance of tissues through selective cell-cell adhesion activity and may be involved also in the invasion and metastasis of malignant tumors. Cadherin regulates dendritic spine morphogenesis. A cadherin gene cluster is mapped to a region of chromosome 5 subject to frequent allelic loss in carcinoma.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4µg/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.