
Pan-Cadherin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251786

Unit: 0.1 mg

Description:

Cadherins are calcium dependent cell adhesion proteins. Cadherins preferentially interact with themselves in a homophilic manner in connecting cells. Cadherins contribute to the sorting of heterogeneous cell types. N-cadherin functions during gastrulation and is required for establishment of left-right asymmetry. N-Cadherin is commonly found in cancer cells and provides a mechanism for transendothelial migration. When a cancer cell adheres to the endothelial cells of a blood vessel it up-regulates the src kinase pathway which phosphorylates beta-catenins attached to both N-cadherin and E-cadherins.

Isotype: Mouse IgG1

Applications: E, IHC, WB

Species Reactivity: Ck, H, M, Rb, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Pan-Cadherin; Cadherin; CDH; Cadherin-2; DH2; Neural cadherin; N-cadherin

Accession No.: P10288

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of chicken pan-cadherin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Pranjali Sarma et al. 2015. Centre for Chemical Biology; CSIR-Indian Institute of Chemical Technology. Oct. 16(10): 1486-1501. PMID: 26192233.

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