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Datasheet

CDH1 monoclonal antibody, clone 67A4 (APC)

Catalog Number: MAB9850

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against CDH1.

Clone Name: 67A4

Immunogen: Human ductal breast epithelial tumor, T-47D cells.

Host: Mouse

Theoretical MW (kDa): 100

Reactivity: Human

Applications: Flow Cyt
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: The mouse monoclonal antibody 67A4 recognizes CDH1 (CD324), an approximately 100 kDa epithelial cell adhesion molecule, whose detection is important for determination of invasive potential of epithelial neoplasms.

Form: Liquid

Conjugation: APC

Purification: Size-exclusion chromatography purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (10 uL reagent/100 uL of whole blood or 10^6 cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.02% BSA, 15 mM sodium azide)

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Entrez GeneID: 999

Gene Symbol: CDH1

Gene Alias: Arc-1, CD324, CDHE, ECAD, LCAM, UVO

Gene Summary: This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein 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 is thought to contribute to progression in cancer 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. Identified transcript variants arise from mutation at consensus splice sites. [provided by RefSeq]