

## CDH1 (DMC484) IGG1 CHIMERIC MAB

**Cat.#:** 28260

**Product Name:** Anti-CDH1(DMC484) IgG1 Chimeric Monoclonal Antibody

**Synonyms:** Arc-1; BCDS1; CD324; CDHE; ECAD; LCAM; UVO

**Description:** Anti-CDH1 antibody(DMC484) IgG1 Chimeric Monoclonal Antibody

**Background:** 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]

**Applications:** Flow Cyt

**Recommended Dilutions:** Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit:Human Fc chimeric IgG1

**Purification:** Purified from cell culture supernatant by affinity chromatography

**Species Reactivity:** Human CDH1

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

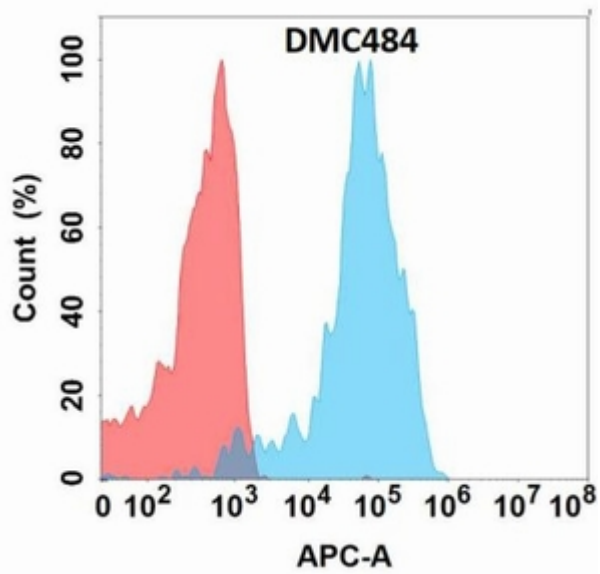


Figure 1. Flow cytometry analysis with Anti-CDH1 (DMC484) on Expi293 cells transfected with human CDH1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).