PRODUCT INFORMATION

Target	CDH1
Description	Monoclonal Cell Line Derived from CHO-S Cells, Engineered for Stable Expression of Human CDH1 Using Lentiviral Technology
Host Cells	CHO-S
Uniprot ID	P12830
Applications	FACS Data
Growth media	DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Suggested Control	SKU: DMC100484
Warranty and Disclaimer	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
Storage & Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Synonyms	Arc-1; BCDS1; CD324; CDHE; ECAD; LCAM; UVO
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]
Usage	For research use only.

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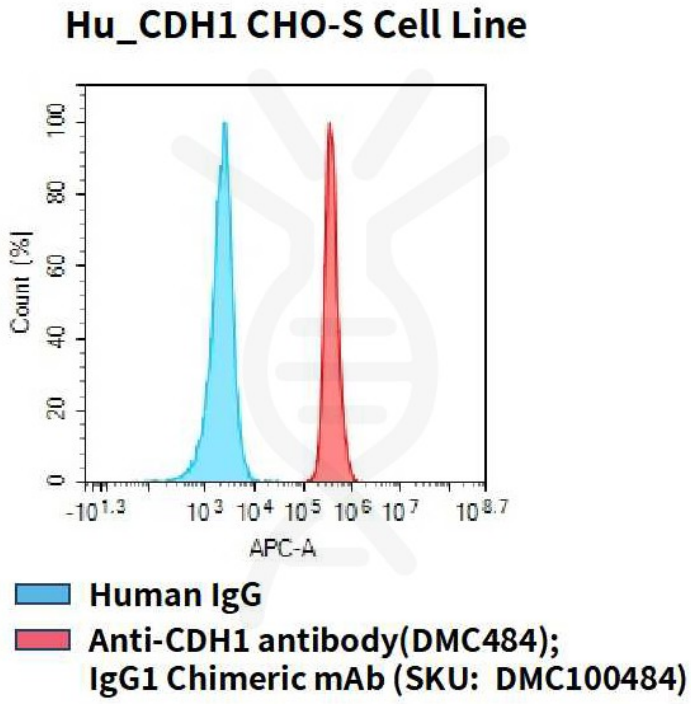

Figure 1. Flow cytometry analysis of human CDH1 overexpression using Hu_CDH1 CHO-S Cell Line (Cat. No. CEL100089) and Anti-CDH1 antibody(DMC484)IgG1 Chimeric mAb (Cat. No. DMC100484)

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