

## E cadherin Antibody PE Conjugated

Catalog No: #C00534P

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## Description

Product Name	E cadherin Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	FCM
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 410-460 882 derived from human E-cadherin
Conjugates	PE
Target Name	E cadherin
Other Names	UVO; CDHE; ECAD; LCAM; Arc-1; CD324; Cadherin-1; CAM 12 8; Epithelial cadherin; E-cadherin; Uvomorulin; CDH1
Accession No.	Swiss-Prot#P12830NCBI Gene ID999
Uniprot	P12830
GeneID	999;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

FCM: 1:20-100

## Background

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E beta-7. E-Cad CTF2 promotes non-amyloidogenic degradation of Abeta precursors. Has a strong inhibitory effect on APP C99 and C83 production.

Note: This product is for in vitro research use only