

E cadherin Antibody FITC Conjugated

Catalog No: #C00534F

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Description

Product Name	E cadherin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 410-460 882 derived from human E-cadherin
Conjugates	FITC
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	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

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