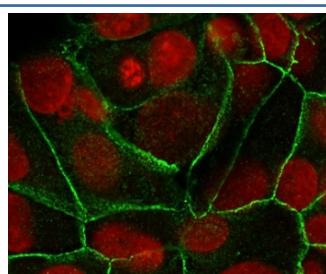


E-Cadherin Antibody / CDH1 [clone ECD1-2] (V7230)

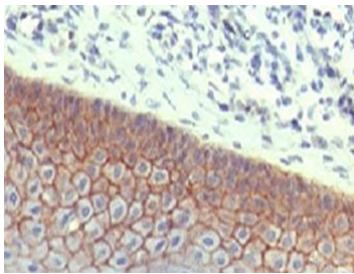
Catalog No.	Formulation	Size
V7230-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7230-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7230SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

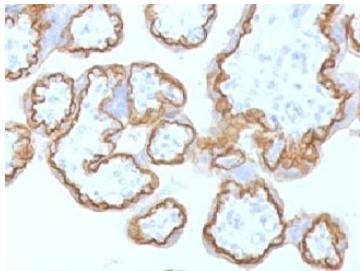
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ECD1-2
Purity	Protein G affinity chromatography
UniProt	P12830
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Immunofluorescence : 2-4ug/ml
Limitations	This E-Cadherin antibody is available for research use only.



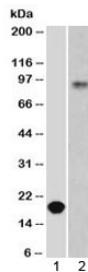
Immunofluorescent staining of human MCF7 cells with E-Cadherin antibody (clone ECD1-2, green) and Reddot nuclear stain (red).



IHC testing of FFPE human skin with E-Cadherin antibody (clone ECD1-2). HIER: steam sections in pH6 citrate buffer for 20 min.



IHC testing of FFPE human placenta with E-Cadherin antibody (clone ECD1-2). HIER: steam sections in pH6 citrate buffer for 20 min.



Western blot testing of 1) partial recombinant protein and 2) human stomach lysate using E-Cadherin antibody at 0.5ug/ml. Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).

Description

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. [UniProt]

Application Notes

Optimal dilution of the E-Cadherin antibody should be determined by the researcher.

Immunogen

A full length recombinant human protein was used as the immunogen for the E-Cadherin antibody.

Storage

Store the E-Cadherin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

