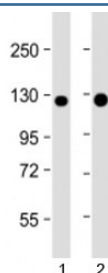


## E-Cadherin Antibody / CDH1 [clone 1579CT577.150.80] (F53810)

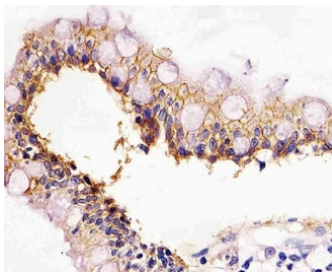
Catalog No.	Formulation	Size
F53810-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53810-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	1579CT577.150.80
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P12830
<b>Localization</b>	Cytoplasmic, membranous
<b>Applications</b>	Western Blot : 1:2000-4000 IHC (FFPE) : 1:25
<b>Limitations</b>	This E-Cadherin antibody is available for research use only.



Western blot testing of human 1) A431 and 2) T47D cell lysate with E-Cadherin antibody at 1:4000. Expected molecular weight: ~135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).



IHC testing of FFPE human colon with E-Cadherin antibody at 1:25. HIER: steamed in pH6 citrate buffer.

## 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. E-Cadherin/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.

## Application Notes

Titration of the E-Cadherin antibody may be required due to differences in protocols and substrate sensitivity.

## Immunogen

A human recombinant protein of amino acids 1-392 was used as the immunogen for the E-Cadherin antibody.

## Storage

Aliquot the E-Cadherin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.