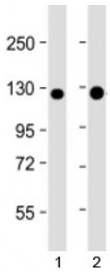
# E-Cadherin Antibody / CDH1 [clone 1579CT577.150.80] (F53810)

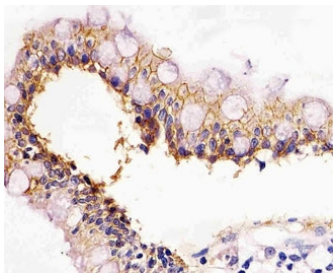
| Catalog No. | Formulation | Size |
|---|---|---|
| F53810-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F53810-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | 1579CT577.150.80 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | P12830 |
| **Localization** | Cytoplasmic, membranous |
| **Applications** | Western blot: 1:2000-4000<br>IHC (FFPE): 1:25 |
| **Limitations** | 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.


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