

**E-Cadherin**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA073**

**Specification**

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**E-Cadherin - Product Information**

Application	IHC
Primary Accession	<a href="#">P12830</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	97456 Da

**E-Cadherin - Additional Information**

Gene ID	999
Gene Name	CDH1
<b>Other Names</b>	
Cadherin-1, CAM 120/80, Epithelial cadherin, E-cadherin, Uvomorulin, CD324, E-Cad/CTF1, E-Cad/CTF2, E-Cad/CTF3, CDH1, CDHE, UVO	
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	E-Cadherin is for research use only and not for use in diagnostic or therapeutic procedures.

**E-Cadherin - Protein Information**

**Name** CDH1 ([HGNC:1748](#))

Synonyms	CDHE, UVO
Function	Cadherins are calcium-dependent cell adhesion proteins ( <a href="#">PubMed:11976333</a> ). 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 ( <a href="#">PubMed:11976333</a> ). Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.
Cellular Location	Cell junction, adherens junction. Cell membrane; Single-pass type I membrane protein. Endosome. Golgi apparatus, trans-Golgi network. Note=Colocalizes with

**DLGAP5 at sites of cell-cell contact in intestinal epithelial cells. Anchored to actin microfilaments through association with alpha-, beta- and gamma-catenin. Sequential proteolysis induced by apoptosis or calcium influx, results in translocation from sites of cell-cell contact to the cytoplasm Colocalizes with RAB11A endosomes during its transport from the Golgi apparatus to the plasma membrane Non-neural epithelial tissues.**

Tissue Location

### **E-Cadherin - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **E-Cadherin - Images**