

## anti-Mouse, Human E-Cadherin Polyclonal Antibody | anti-Cdh1 antibody

E-Cadherin Antibody

|                               |                                   |                                                                                            |
|-------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA110997</b> | REACTIVITY<br><b>Mouse, Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------|

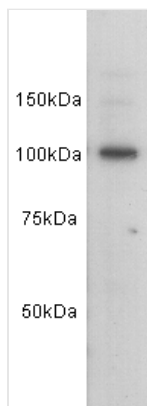
### PRODUCT SYNONYMS

E-Cadherin; Polyclonal Antibody; E-Cadherin Antibody; anti-Cdh1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Mouse, Human                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                          |
| Isotype                                        | IgG                                                                                                                                                 |
| Specificity                                    | This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of outside membrane of E-Cadherin. |
| Purity/Purification                            | Immunogen affinity purified                                                                                                                         |
| Form/Format                                    | Liquid; 1*TBS (pH7.4), 0.5BSA, 25% Glycerol                                                                                                         |
| Concentration                                  | 100ul, 0.45mg/ml (varies by lot)                                                                                                                    |
| Sequence Length                                | 884                                                                                                                                                 |
| Applicable Applications for anti-Cdh1 antibody | FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)                                                                             |
| Preservative                                   | 0.05% Sodium Azide.                                                                                                                                 |
| Cellular Localization                          | Cell Membrane                                                                                                                                       |
| Positive Control                               | A431                                                                                                                                                |
| Preparation and Storage                        | Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.                               |

### IMAGES



#### Application Data

Fig: Western blot analysis on A431 using anti-E-Cadherin polyclonal antibody

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Cdh1 antibody | Cadherins are calcium-dependent cell adhesion proteins. The classic cadherin subfamily includes N-, P-, R-, B- and E-cadherins as well as about ten other members which are found in adherens junctions (AJ), E-cadherin is found at the junctions of epithelial cells. Besides mediating cell-cell adhesion through homophilic interactions, E-cadherin mediates contact inhibition of cell growth, and loss of E-cadherin is associated with tumorigenesis. E-cadherin expression is frequently down-regulated or extinguished in malignancy which strongly correlates with poor prognosis. |
| References                                         | 1. Ponta H, Hofmann M & Herrlich P. Recent advances in the genetics of metastasis. Eur J Cancer, 1.94, 3.A(1.):1.95. 2. Mareel M, Bracke M & VanRoy F. Cancer metastasis: negative regulation by an invasion-suppressor complex. Cancer Detect Prev, 1.95, 1.(5):451. 3. Nagafuchi A, Shirayoshi Y, Okazaki K, et al. Transformation of cell adhesion properties by exogenously introduced E-cadherin cDNA. Nature, 1.87, 3.(61.7):3.1.                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 6753374                                      |
| NCBI GeneID                      | 12550                                        |
| NCBI Accession #                 | NP_033994.1                                  |
| NCBI GenBank Nucleotide #        | NM_009864.3                                  |
| UniProt Accession #              | P09803; Q61377                               |
| Molecular Weight                 | 80-124kDa                                    |
| NCBI Official Full Name          | cadherin-1 preproprotein                     |
| NCBI Official Synonym Full Names | cadherin 1                                   |
| NCBI Official Symbol             | Cdh1                                         |
| NCBI Official Synonym Symbols    | Um; UVO; Ecad; ARC-1; E-cad; L-CAM; AA960649 |
| NCBI Protein Information         | cadherin-1                                   |
| UniProt Protein Name             | Cadherin-1                                   |
| UniProt Gene Name                | Cdh1                                         |
| UniProt Synonym Gene Names       | E-cadherin                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/e-cadherin-antibody-flow-cytometry-immunocytochemistry-western-blot-elisa/110997>