

Anti-E Cadherin Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CQA8367 | Mouse | H, M | WB, IH |
| Description | Mouse monoclonal antibody to E Cadherin | | |
| Immunogen | A synthesized peptide derived from human E Cadherin | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of E Cadherin protein. | | |
| Clonality | Monoclonal | | |
| Conjugation | | | |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. | | |
| Dilution | WB (1/500 - 1/1000), IH (1/50 - 1/100) | | |
| Gene Symbol | CDH1 | | |
| Alternative Names | CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD324 | | |
| Entrez Gene | 999 (Human); 12550 (Mouse) | | |
| SwissProt | P12830 (Human); P09803 (Mouse) | | |
| Storage/Stability | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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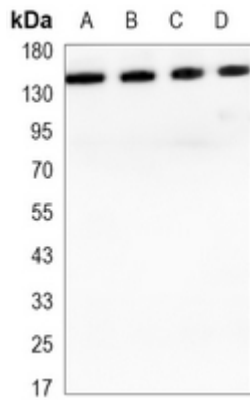
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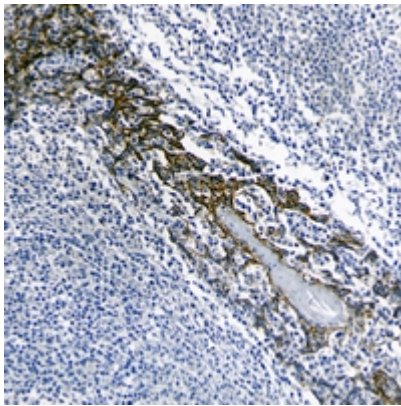
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Product Data Sheet



Western blot analysis of E Cadherin expression in T47D (A), HCT116 (B), MDAMB468 (C), Caco2 (D) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 135 kD)



Immunohistochemical analysis of E Cadherin staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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