For research purposes only, not for human use

Product Data Sheet

Anti-E Cadherin Antibody

Catalog #	Source	Reactivity	Applications
CPA9754	Mouse	H	WB, IH

Description	Mouse monoclonal antibody to E Cadherin
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human E Cadherin. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of E Cadherin protein.
Clonality	Monoclonal
Conjugation	
Form	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/300)
Gene Symbol	CDH1
Alternative Names	CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD324
Entrez Gene	999 (Human)
SwissProt	P12830 (Human)
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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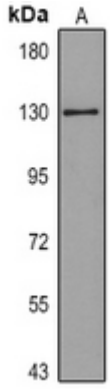
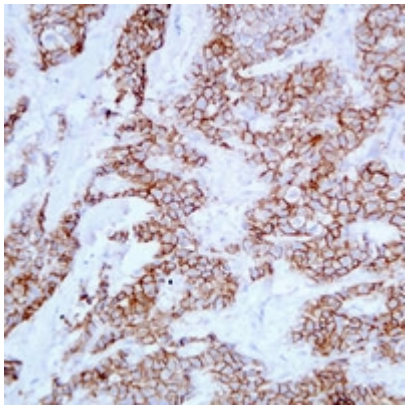


Western blot analysis of E Cadherin expression in MCF7 (A) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 120 kD)



Immunohistochemical analysis of E Cadherin staining in human breast carcinoma 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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