

## Anti-E Cadherin [36C4] Standard Size Ab03203-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 36C4

**Alternative Name(s) of Target:** CD324; Cadherin-1; Cadherin E; E-Cadherin; epithelial cadherin; CAM 120/80; Uvomorulin; CGMCC NO 15489; NCH-38

**UniProt Accession Number of Target Protein:** P12830

**Published Application(s):** WB, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing 6-week old female ICR mice with recombinant E Cadherin-F protein in Freund's incomplete adjuvant.

**Specificity:** This antibody binds human E-cadherin. Cadherins are calcium-dependent cell adhesion proteins.

**Application Notes:** The binding specificity of this antibody for human E cadherin was determined using ELISA. This antibody can recognize recombinant E-cadherin in a western blot. This antibody along with another anti-E cadherin antibody NCH-38 was used in the immunohistochemical staining of breast cancer tissues.

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.