

## Product Information

**Anti-CDH1**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21186**  
Formerly listed as GenWay Catalog Number 15-288-21186,  
Epithelial-cadherin Antibody.

Storage Temperature Store at  $-20\text{ }^{\circ}\text{C}$

Synonyms: Cadherin 1, type 1 preproprotein, E-cadherin;  
Uvomorulin; Cadherin-1; CAM 120/80; CD324 antigen

### Product Description

Cadherins are calcium-dependent cell adhesion proteins. 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. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.

NCBI Accession number: NP\_004351.1  
Swiss Prot Accession number: P12830

Gene Information: Human .. CDH1 (999)

Immunogen: Recombinant protein Cadherin 1, type 1 preproprotein

Immunogen Sequence: GI # 4757960, sequence 441 - 523

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at  $2-8\text{ }^{\circ}\text{C}$  for up to one week. For extended storage, store in  $-20\text{ }^{\circ}\text{C}$  freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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