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## 11-7545: Polyclonal Antibody to E Cadherin

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: CDH1
Gene ID: 999
Uniprot ID: P12830
Format: Purified

Alternative Name: CDH1,CDHE,UVO

Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant E-cadherin protein (amino acids 438-556) was used as the

immunogen for this antibody.

## **Description**

E-cadherin is a calcium-regulated adhesion molecule expressed in most normal epithelial tissues. It is localized on the surfaces of epithelial cells in regions of cell-cell contact known as adherens junctions. The E-cadherin gene is located on chromosome 16q22.1. E-cadherin is associated with gland formation, stratification, and epithelial polarization. Besides its role in normal cells, this highly conserved gene can play a major role in malignant cell transformation, and especially in tumor development and progression. Selective loss of E-cadherin can cause dedifferentiation and invasiveness in human carcinomas, leading E-cadherin to be classified as a tumor suppressor.

## **Product Info**

**Amount :** 25 μg / 100 μg

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Western blot analysis: 2-4 µg/ml

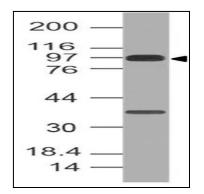


Fig-1: Expression analysis of E Cadherin. Anti-E Cadherin antibody (11-7545) was used at 2  $\mu$ g/ml on h Stomach lysate.