

# CD324/E-Cadherin Rabbit pAb

Catalog No.: A24874 **1 Publications**

## Basic Information

### Observed MW

135kDa

### Calculated MW

98kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes E-cadherin, a calcium-dependent cell adhesion molecule that functions in the establishment and maintenance of epithelial cell morphology during embryogenesis and adulthood. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Targeted mutations disrupting binding of calcium to the encoded protein in mice cause death in utero due to failed blastocyst and trophoctoderm formation. This gene is located adjacent to a related cadherin gene on chromosome 8.

## Recommended Dilutions

WB 1:1000 - 1:5000

## Immunogen Information

### Gene ID

12550

### Swiss Prot

P09803

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 157-369 of mouse CD324/E-Cadherin (NP\_033994.1).

### Synonyms

CDH1; Arc-1; CD324; CDHE; ECAD; LCAM; UVO; AA960649; ARC-1; E-cad; Ecad; L-CAM; Um; cadherin-1; CD324/E-Cadherin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

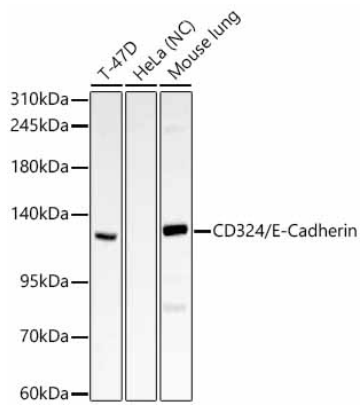
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using CD324/E-Cadherin Rabbit pAb (A24874) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): HeLa.  
Exposure time: 5s.