

# E-Cadherin mouse mAb

Catalog No.: A3149

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

98kDa

### Category

Primary antibody

### Applications

ELISA,IHC-P

### Cross-Reactivity

Human,Mouse, Rat

### CloneNo number

AMC0478

## 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 trophectoderm formation. This gene is located adjacent to a related cadherin gene on chromosome 8.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

12550

### Swiss Prot

P09803

### Immunogen

Recombinant protein of mouse E-Cadherin.

### Synonyms

Um; UVO; Ecad; ARC-1; E-cad; L-CAM; E-Cadherin

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1,Kappa

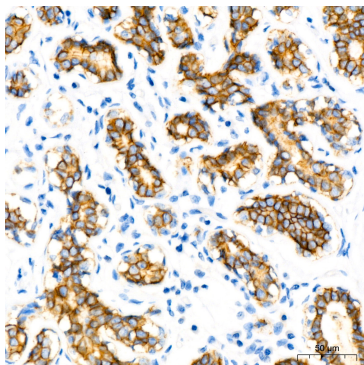
### Purification

Protein A purified

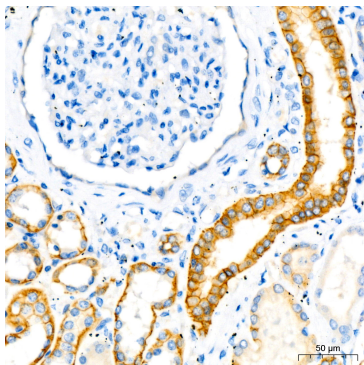
### Storage

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

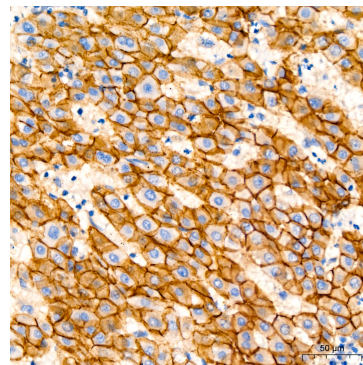
Buffer: PBS with 0.05% sodium azide,0.2% BSA,40% glycerol,pH7.4.



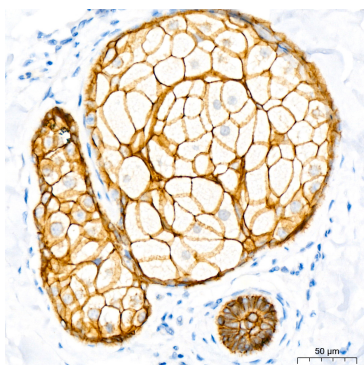
Immunohistochemistry analysis of E-Cadherin in paraffin-embedded human breast using E-Cadherin mouse mAb (A3149) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of E-Cadherin in paraffin-embedded human kidney using E-Cadherin mouse mAb (A3149) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of E-Cadherin in paraffin-embedded human liver using E-Cadherin mouse mAb (A3149) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of E-Cadherin in paraffin-embedded human skin using E-Cadherin mouse mAb (A3149) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.