

E-Cadherin mouse mAb

Catalog No.: A3149

Basic Information

Observed MW

Refer to figures

Calculated MW

98kDa

Category

Primary antibody

Applications

IHC-P,ELISA

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

Recommended Dilutions

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

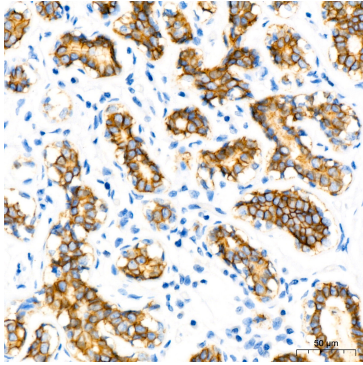
Protein A purified

Storage

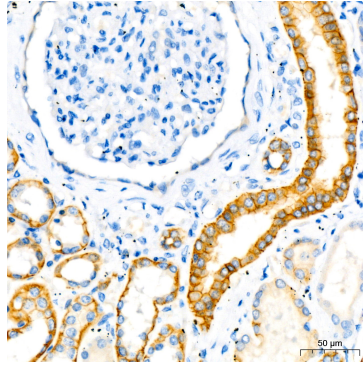
Store at -20°C. Avoid freeze / thaw cycles.

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

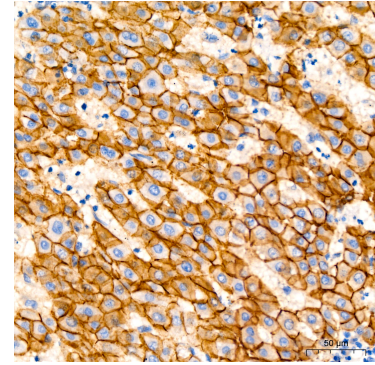
Validation Data



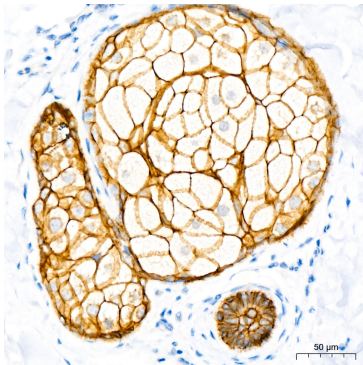
Immunohistochemistry analysis of paraffin-embedded Human breast tissue using E-Cadherin mouse mAb (A3149) at a dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using E-Cadherin mouse mAb (A3149) at a dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using E-Cadherin mouse mAb (A3149) at a dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human skin tissue using E-Cadherin mouse mAb (A3149) at a dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.