A26432

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CD324/E-Cadherin Rabbit mAb

Catalog No.: A26432 Recombinant 1 Publications

Basic Information

Observed MW
135kDa

Calculated MW
98kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes E-cadherin, a calcium-dependent cell adhesion molecule that functions in the establishment and maintenance of epithelial cell morphology during embryongenesis 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

WB	1:500 - 1:1000
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 (or fragment).This information is considered to be commercially sensitive.

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

Contact

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Product Information

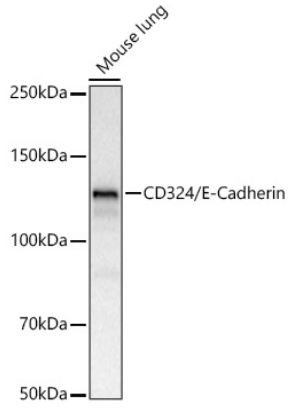
Source
Rabbit

Isotype
IgG

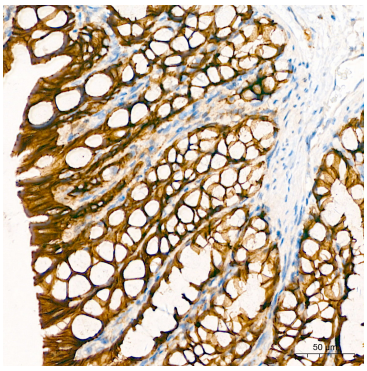
Purification
Affinity purification

Storage
Store at -20℃

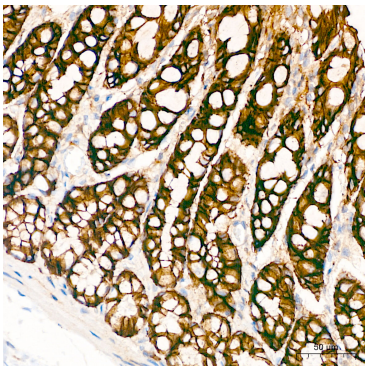
Validation Data



Western blot analysis of lysates from Mouse lung using CD324/E-Cadherin Rabbit mAb (A26432) at 1:2000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated 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).
Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using CD324/E-Cadherin Rabbit mAb (A26432) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using CD324/E-Cadherin Rabbit mAb (A26432) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.