

Pan-Cadherin Rabbit mAb

Catalog No: #48907

Package Size: #48907-1 50ul #48907-2 100ul



Signalway Antibody

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

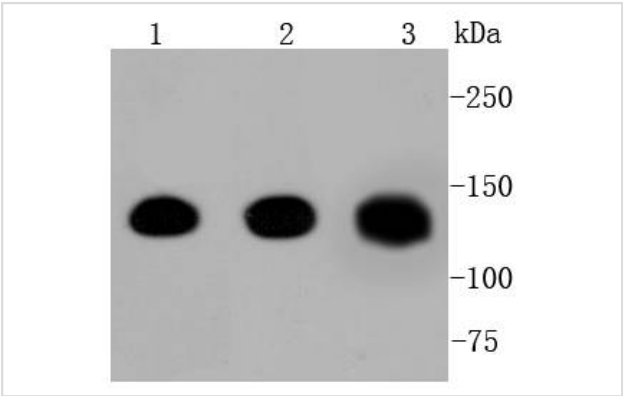
Description

Product Name	Pan-Cadherin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	ST54-01
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Cadherin antibody CDH3 antibody CDHP antibody 7B4 antigen antibody Cadherin-1 antibody Cadherin-2 antibody Cadherin-3 antibody Cadherin-4 antibody Cadherin-5 antibody CAM 120/80 antibody CD144 antibody CD324 antibody CD325 antibody Cdh4 antibody CDH5 antibody CDHE antibody CDHN antibody E-cadherin antibody Epithelial cadherin antibody N-cadherin antibody NCAD antibody Neural cadherin antibody P-cadherin antibody Placental cadherin antibody UVO antibody Uvomorulin antibody Vascular endothelial cadherin antibody
Accession No.	Swiss-Prot#:P12830
Calculated MW	140 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

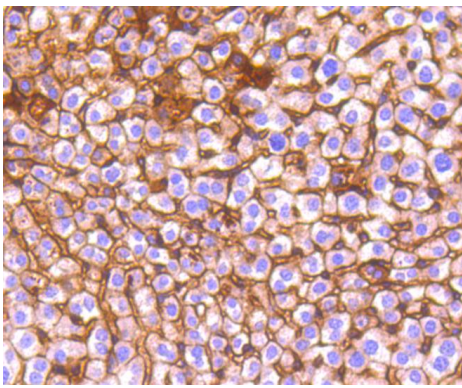
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

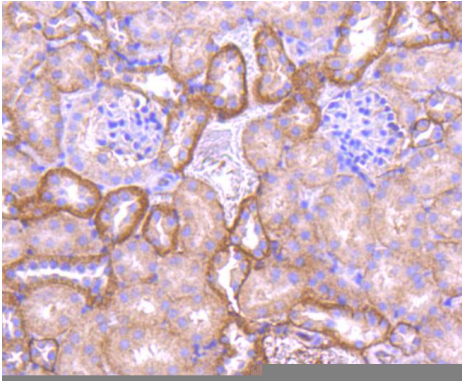
Images



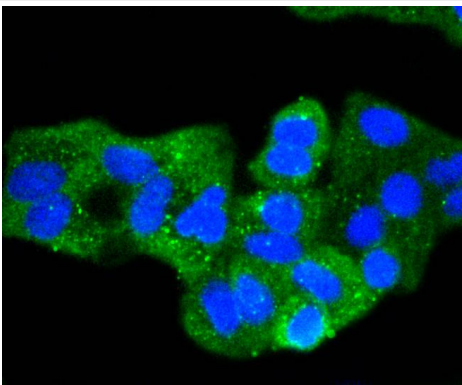
Western blot analysis of Pan-Cadherin on different lysates using anti-Pan-Cadherin antibody at 1/1,000 dilution. Positive control: Lane 1: Human heart Lane 2: Mouse heart Lane 3: Rat heart



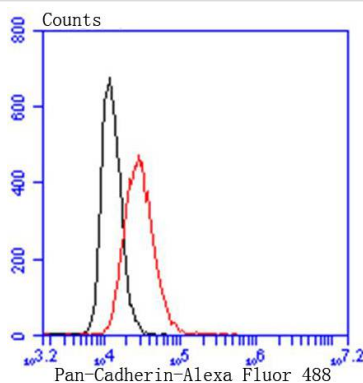
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



ICC staining Pan-Cadherin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with Pan-Cadherin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Cadherins comprise a family of Ca^{2+} -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH2 terminal repeats. The most distal of these cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxy terminal intracellular domains. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as β -catenin, to regulate cadherin function. Members of this family of adhesion proteins include rat cadherin K (and its human homolog, cadherin, R-cadherin, B-cadherin, E/P cadherin and cadherin-5.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.