

H Cadherin Rabbit mAb

Catalog No: #49857

Package Size: #49857-1 50ul #49857-2 100ul

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

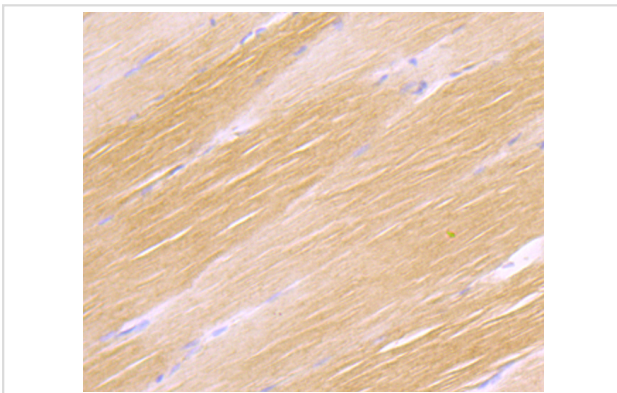
Description

Product Name	H Cadherin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB14-48
Purification	ProA affinity purified
Applications	IHC, WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human H Cadherin aa 1-200.
Other Names	CAD13_HUMAN antibody Cadherin-13 antibody CDH13 antibody CDHH antibody H-cadherin antibody Heart cadherin antibody P105 antibody T cad antibody T Cadherin antibody T-cad antibody T-cadherin antibody Truncated cadherin antibody
Accession No.	Swiss-Prot#:P55290
Uniprot	P55290
GeneID	1012;
Calculated MW	78 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

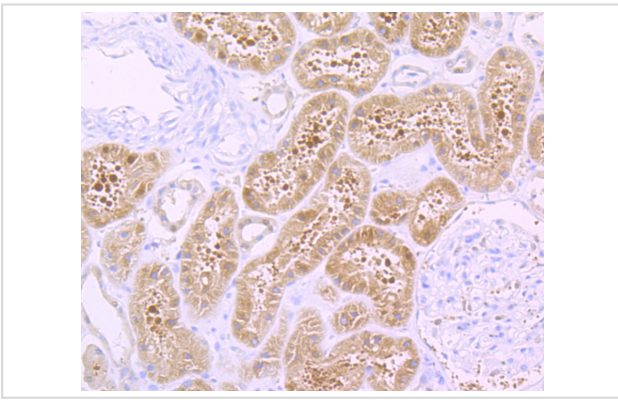
Application Details

IHC: 1:50-1:200

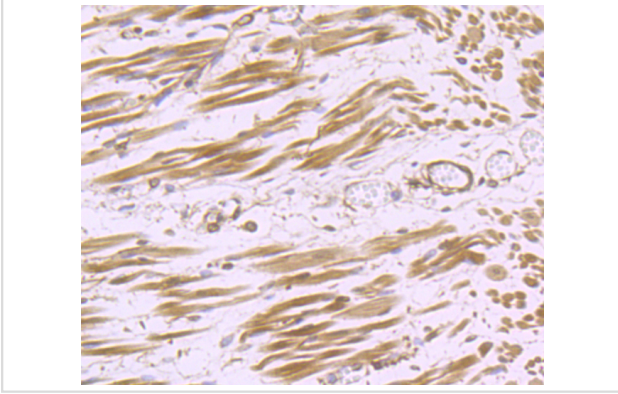
Images



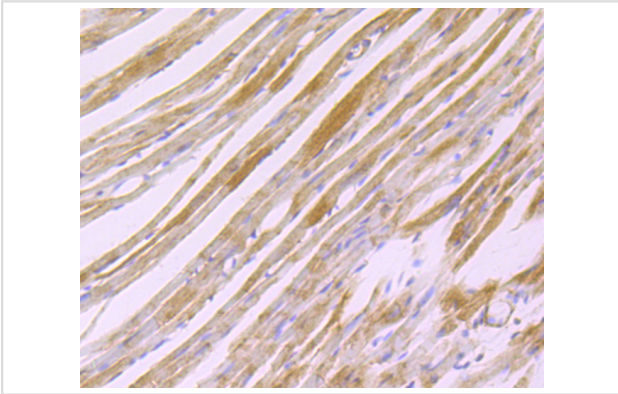
Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.



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



Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.



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

Background

Cadherins comprise a family of Ca^{++} -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domains characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as β -catenin, to regulate cadherin function. T-cadherin (for truncated-cadherin), also designated heart-cadherin or cadherin-13) expression levels have been shown to be reduced in human breast cancers and carcinoma cell lines. Evidence suggests that decreased levels of T-cadherin indicate a progression in breast malignancies.

References

Note: This product is for in vitro research use only