

CD147 Rabbit mAb

Catalog No: #49372

Package Size: #49372-1 50ul #49372-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

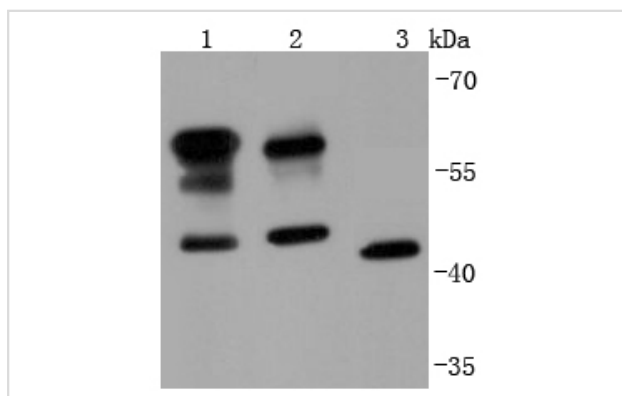
Description

Product Name	CD147 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JF1-045
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	5A11 antigen antibody 5F7 antibody BASI_HUMAN antibody Basigin (Ok blood group) antibody Basigin antibody Blood brain barrier HT7 antigen antibody Bsg antibody CD 147 antibody CD147 antibody CD147 antigen antibody Collagenase stimulatory factor antibody EMMPRIN antibody Extracellular matrix metalloproteinase inducer antibody Leukocyte activation antigen M6 antibody M 6 antibody M6 antibody M6 leukocyte activation antigen antibody Neurothelin antibody OK antibody OK blood group antibody OK blood group antigen antibody TCSF antibody Tumor cell derived collagenase stimulatory factor antibody Tumor cell-derived collagenase stimulatory factor antibody
Accession No.	Swiss-Prot#:P35613
Uniprot	P35613
GeneID	682;
Calculated MW	42 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

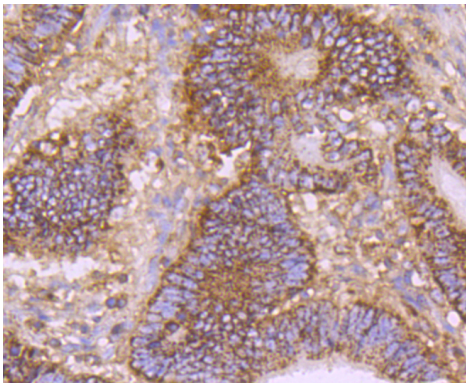
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200

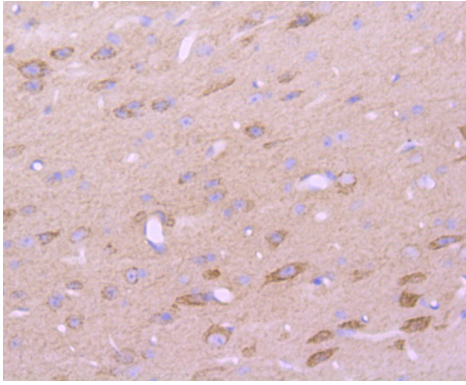
Images



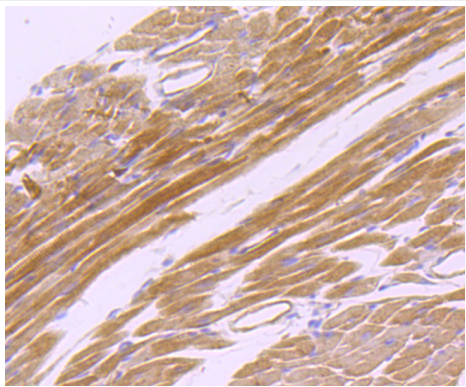
Western blot analysis of CD147 on different lysates using anti-CD147 antibody at 1/1,000 dilution. Positive control:
Lane 1: Hela Lane 2: Jurkat Lane 3: Mouse kidney



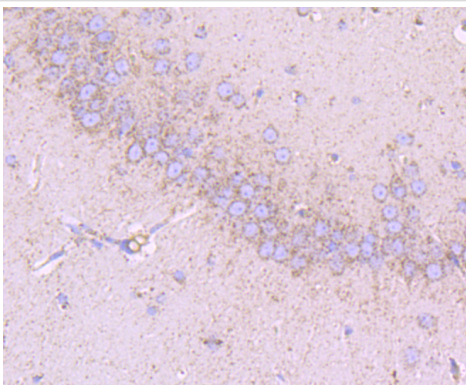
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-CD147 antibody. Counter stained with hematoxylin.



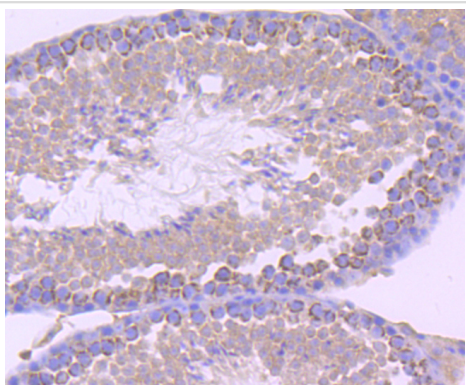
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-CD147 antibody. Counter stained with hematoxylin.



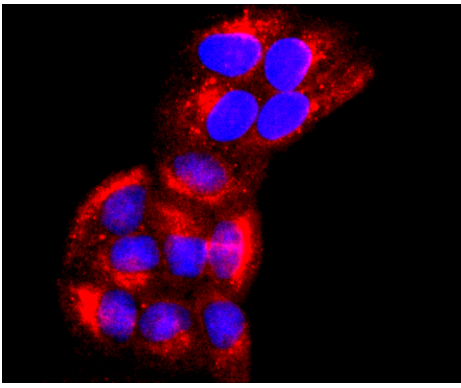
Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-CD147 antibody. Counter stained with hematoxylin.



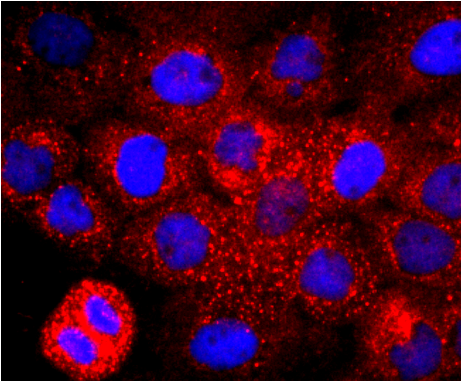
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-CD147 antibody. Counter stained with hematoxylin.



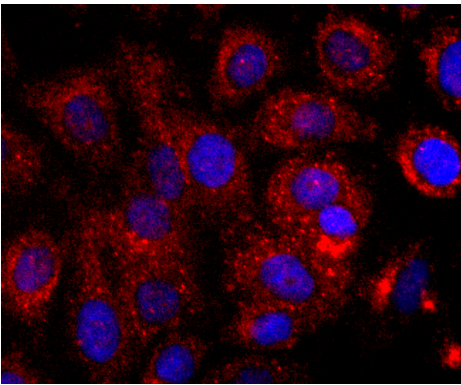
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-CD147 antibody. Counter stained with hematoxylin.



ICC staining CD147 in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD147 in A431 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD147 in SKOV-3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Extracellular matrix metalloproteinase inducer (EMMPRIN), also designated basigin or CD147, is involved in the regulation of matrix remodeling at the epidermal-dermal interface. EMMPRIN stimulates the production of interstitial collagenase, gelatinase A, stromelysin-1 and various metalloproteinases (MMPs) by fibroblasts. These enzymes, which are typically increased during tissue degradation and wound healing, are important factors in cancer invasion and metastasis.

References

Note: This product is for in vitro research use only