CD147 Rabbit mAb

Catalog No: #52667

Package Size: #52667-1 50ul #52667-2 100ul

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

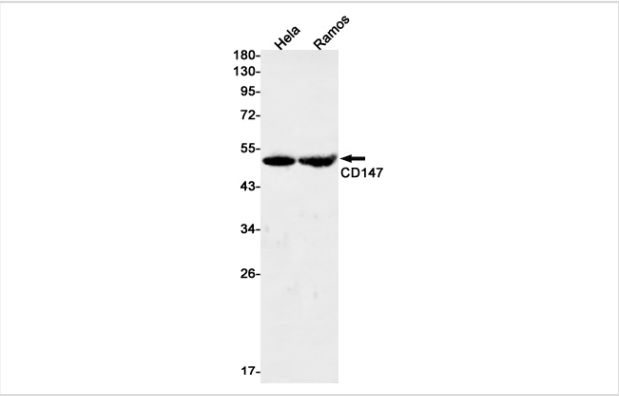
Description

Product Name	CD147 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-5B3
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthetic peptide of human CD147
Conjugates	Unconjugated
Modification	Unmodification
Other Names	OK; 5F7; TCSF; CD147; EMMPRIN
Accession No.	Swiss-Prot:P35613GeneID:682
Calculated MW	Calculated MW:42 kDa,Observed MW:50 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

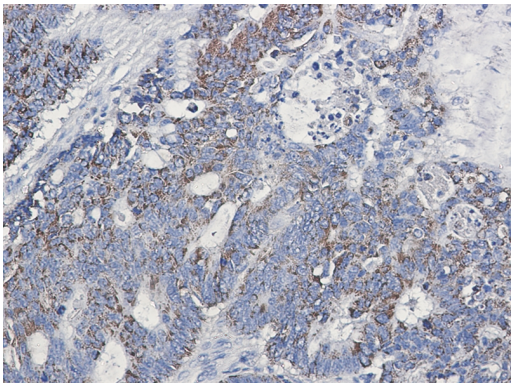
Application Details

WB: 1/1000-1/5000 IHC: 1/50-1/200

Images



Western blot detection of CD147 in Hela,Ramos cell lysates using CD147 Rabbit mAb(1:1000 diluted).Predicted band size:42kDa.Observed band size:42kDa.



Immunohistochemistry of CD147 in paraffin-embedded Human colon cancer tissue using CD147 Rabbit mAb at dilution 1/50

Background

Essential for normal retinal maturation and development (By similarity).Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors (PubMed:25957687).In association with glucose transporter SLC16A1/GLUT1 and NXNL1, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors (PubMed:25957687).May act as a potent stimulator of IL6 secretion in multiple cell lines that include monocytes (PubMed:21620857).

Published Papers

Siqi Zhang;Meiqi Sun;Zehao Li;Dandan Liu;Cheng Hu;Fang Fang;Guoqing Wang el at., Effect of silencing CD147 on glycolysis in prostate cancer LNCaP cells, , (2023)

PMID:

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