

## CD147 polyclonal antibody

Catalog: BZ16980

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Essential for normal retinal maturation and development. Acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors. 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.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 42 kDa; Observed MW: 38-58 kDa

### Swiss-Prot:

P18572

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 FC: 1/50-1/100

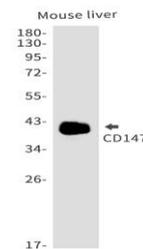
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

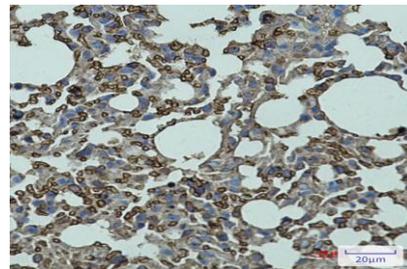
### Isotype:

IgG

### DATA:



Immunohistochemistry analysis of paraffin-embedded mouse lung using CD147 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of CD147 in mouse liver lysates using CD147 antibody.

Western blot analysis of CD147/ Basigin in Hela, C2C12 lysates using CD147/ Basigin antibody

### Note:

For research use only, not for use in diagnostic procedure.

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