

CD147 Rabbit pAb

Catalog Number: bs-0684R

Target Protein: CD147

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Chicken, Dog, GuineaPig)

Predicted MW: 40 kDa

Detected MW: 55-65 kDa

Entrez Gene: 682

Swiss Prot: P35613

Source: KLH conjugated synthetic peptide derived from human TCSF: 301-385/385.

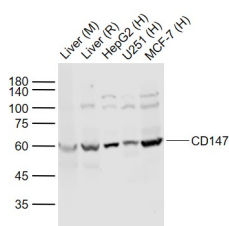
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

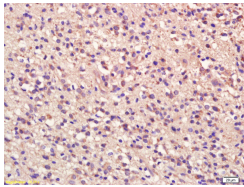
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

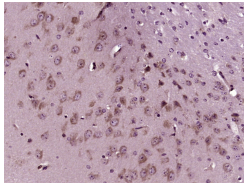
VALIDATION IMAGES



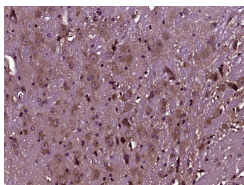
Sample: Lane 1: Liver (Mouse) Lysate at 40 ug Lane 2: Liver (Rat) Lysate at 40 ug Lane 3: HepG2 (Human) Cell Lysate at 30 ug Lane 4: U251 (Human) Cell Lysate at 30 ug Lane 5: MCF-7 (Human) Cell Lysate at 30 ug
Primary: Anti-CD147 (bs-0684R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50-60 kD Observed band size: 60 kD



Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CD147/TCSF/Emmprin Polyclonal Antibody, Unconjugated(bs-0684R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD147) Polyclonal Antibody, Unconjugated (bs-0684R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD147) Polyclonal Antibody, Unconjugated (bs-0684R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.872] Muhammad Fakhar-e-Alam Kulyar. et al. Cluster of differentiation 147 (CD147) expression is linked with thiram induced chondrocyte' s apoptosis via Bcl-2/Bax/Caspase-3 signalling in tibial growth plate under chlorogenic acid reperussion. Ecotox Environ Safe. 2021 Apr;213:112059 WB,IF ; Chicken . 33647747

[IF=3.12] Tsai, Wen-Chiuan, et al. "EMMPRIN expression positively correlates with WHO grades of astrocytomas and meningiomas." Journal of Neuro-Oncology (2013): 1-10. Other ; ="Human" . 23817808

[IF=3.174] Xiaole Tong et al. LPS-induced inflammation disorders bone modeling and remodeling by inhibiting angiogenesis and disordering osteogenesis in chickens. Inflamm Res. 2020 Aug;69(8):765-777. WB ; Chicken . 32444883

[IF=2.19] Cui, K., et al. "Transplantation of Autologous Bone Marrow Mononuclear Cells Regulates Inflammation in a Rabbit Model of Carotid Artery Atherosclerosis." Journal of Vascular Research 53.3-4 (2016): 196-205. WB ; ="Rabbit" . 27788500