

**bs-0684R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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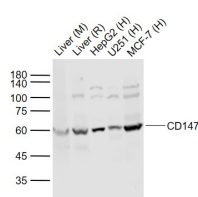
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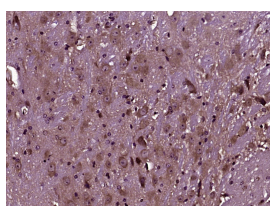
400-901-9800

**CD147 Rabbit pAb****— DATASHEET —**

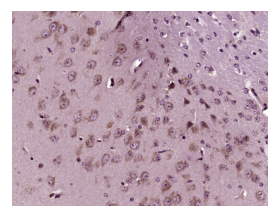
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 682	<b>SWISS:</b> P35613	<b>IHC-F</b> (1:100-500)
<b>Target:</b> CD147		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TCSF: 301-385/385. < Cytoplasmic >		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, GuineaPig)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 40 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane
<b>Storage:</b> 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.		
<b>Background:</b> 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



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.



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.

**— SELECTED CITATIONS —**

- **[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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Rabbit Model of Carotid Artery Atherosclerosis." Journal of Vascular Research 53.3-4 (2016): 196-205. WB ;="Rabbit".  
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