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| Product name: | CD147 Rabbit Monoclonal antibody |
| Cat number: | MABN03287 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | Recombinant protein of mouse CD147 |
| Reactivity: | Mouse,Rat |
| Applications: | WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| Molecular Weight: | Calculated MW: 42 kDa; Observed MW: 38-58 kDa |
| Purification: | Affinity Purified |
| Form: | Liquid |
| Buffer: | 50mM 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 for 12 months. Avoid freeze/thaw cycles. |
| Background: | Plays an important role in targeting the monocarboxylate transporters SLC16A1, SLC16A3, SLC16A8, SLC16A11 and SLC16A12 to the plasma membrane. Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes. |