



CD147 (Basigin) Antibody

E81003-10

Catalog Number: E81003-10

Concentration : 100ul,0.6mg/ml

Description: CD147 (Basigin) is a member of the immunoglobulin superfamily, with a structure related to the putative primordial form of the family. CD147 is a widely expressed membrane glycoprotein that plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. It stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS) and may target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. In vitro, CD147 promotes outgrowth of astrocytic processes.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage Buffer: 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.

Product Type: Rabbit Polyclonal IgG, primary antibodies

Form: Liquid

Purity: Immunogen affinity purified

Specificity/Source: This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of CD147.

Reactivity: Mouse

Applications: WB: 1:500

Molecular Weight: 52kDa

Swiss-Prot No. : P18572

Cellular Localization: Cell Membrane

Positive control: Mouse embryo

- References:**
1. "Retina-specific expression of 5A11/Basigin-2, a member of the immunoglobulin gene superfamily."Ochrietor J.D., Moroz T.P., van Ekeris L., Clamp M.F., Jefferson S.C., deCarvalho A.C., Fadool J.M., Wistow G., Muramatsu T., Linser P.J.Invest. Ophthalmol. Vis. Sci. 44:4086-4096(2003)"
 2. "Basigin expression and regulation in mouse ovary during the sexual maturation and development of corpus luteum."Chang H., Ni H., Ma X.-H., Xu L.-B., Kadomatsu K., Muramatsu T., Yang Z.-M.Mol. Reprod. Dev. 68:135-141(2004)

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