

CD147 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250583

Unit: 0.1 mg

Description:

CD147 (Basigin or Leukocyte activation antigen M6) plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. CD147 stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPs). CD147 is only present in vascular endothelium in non-neoplastic regions of the brain. Although present in tumor cells, CD147 is not expressed in proliferating blood vessels in malignant gliomas.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, R

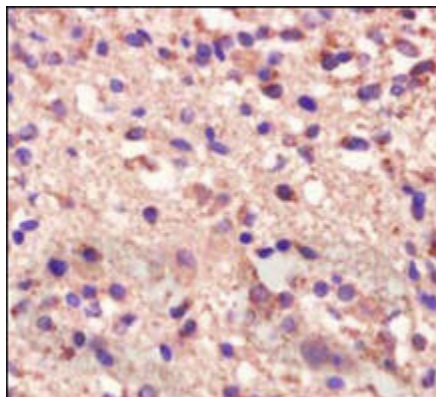
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD147; EMMPRIN; Extracellular matrix metalloproteinase inducer; Basigin; Leukocyte activation antigen M6; Collagenase stimulatory factor; 5F7; Tumor cell-derived collagenase stimulatory factor; TCSF; OK blood group antigen; BSG

Accession No.: P35613

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD147.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



CD147 staining in glioma tissue. 4% Paraformaldehyde-fixed paraffin-embedded human glioma tissue is stained with CD147 Antibody (Cat. No. 250583) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.