

36-3223: Anti-CD147 / EMMPRIN / Neurothelin Monoclonal Antibody(Clone: CB43)

Clonality :	Monoclonal
Clone Name :	CB43
Application :	FACS,IF
Reactivity :	Human
Gene :	BSG
Gene ID :	682
Uniprot ID :	P35613
Alternative Name :	5A11 Antigen; 5F7; Basigin; Blood brain barrier HT7 antigen BSG; Emmprin; Extracellular Matrix Metalloproteinase Inducer; Leukocyte Activation Antigen M6; Neurothelin; OK Blood Group Antigen; TCSF; Tumor Cell-derived Collagenase Stimulatory Factor
Isotype :	Mouse IgM, kappa
Immunogen Information :	Native human leucocytes

Description

CD147 is a transmembrane glycoprotein of the immunoglobulin superfamily. It is expressed more intensely on thymocytes than on mature peripheral blood T cells. CD147 is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. CD147 is involved in the regulation of matrix remodeling at the epidermal-dermal interface. It stimulates the production of interstitial collagenase, gelatinase A, stromelysin-1 and various metalloproteinases (MMPs) by fibroblasts. These enzymes, which are typically increased during tissue degradation and wound healing, are important factors in cancer invasion and metastasis.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);