

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CB43
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	BSG
<b>Gene ID :</b>	682
<b>Uniprot ID :</b>	P35613
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Mouse IgM, kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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);