

CD147 / BSG / EMMPRIN / Neurothelin Antibody

Mouse Monoclonal Antibody [Clone CB43]

Catalog No	Format	Size
682-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
682-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
682-MSM2-P1BX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	CB43
Gene Name	BSG
Immunogen	Native human leucocytes
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgM / Kappa
Mol. Weight of Antigen	35kDa (non-reduced); 40kDa (reduced)
Cellular Localization	Basolateral cell membrane, Cell membrane, Cell projection, Cilium, Endoplasmic reticulum membrane, Endosome, Melanosome, Photoreceptor inner segment, Photoreceptor outer segment
Species Reactivity	Human
Positive Control	HSB2 cells. Renal Cell, ovarian carcinoma or melanoma.

**Optimal dilution for a specific application should be determined.*

Product Images for CD147 / BSG / EMMPRIN / Neurothelin Antibody

Specificity & Comments

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.

Supplied As

200ug/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 and Stability

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. No MSDS required.

Research Areas

Cardiovascular, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.