# 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.