

# Product Datasheet

## EMMPRIN/CD147 Antibody (MEM-M6/2) [PE] NB500-561PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-561PE**

EMMPRIN/CD147 Antibody (MEM-M6/2) [PE]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | MEM-M6/2                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | PE                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 682                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | BSG                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human, Porcine                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | The antibody MEM-M6/2 recognizes extracellular Ig domain D1 of CD147 (Neurothelin), a 50-60 kDa type I transmembrane glycoprotein primarily expressed on all leukocytes, red blood cells, platelets and endothelial cells; it is not expressed by resting lymphocytes. The antibody MEM-M6/1 is a high-affinity antibody capable of binding to unstimulated peripheral blood T cells. |
| Immunogen                   | A soluble recombinant form of CD147, CD147Rg, which consists of the cDNA coding for the entire extracellular region of CD147 fused to the DNA coding for the hinge region, CH2 and CH3 domain of human IgG1.                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Cell Surface), CyTOF-ready                                                                                                                                                                                                                                                                                 |





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### **Products Related to NB500-561PE**

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|               |                                                 |
|---------------|-------------------------------------------------|
| NBP2-27231PE  | Mouse IgG2b Isotype Control (MPC-11) [PE]       |
| NB500-561UV   | EMMPRIN/CD147 Antibody (MEM-M6/2) [DyLight 350] |
| NBP2-34025PEP | EMMPRIN/CD147 Recombinant Protein Antigen       |
| DVE00         | VEGF [HRP]                                      |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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