

# Product Datasheet

## EMMPRIN/CD147 Antibody (MEM-M6/2) [Alexa Fluor™ Plus 405]

### NB500-561AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-561AFP405**

EMMPRIN/CD147 Antibody (MEM-M6/2) [Alexa Fluor™ Plus 405]

| 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           | Alexa Fluor Plus 405  |
| Purity              | Protein A purified  |
| Buffer              | 50mM Sodium Borate  |

| 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.   |
| Notes                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, CyTOF-ready |



|                              |   |
|------------------------------|---|
| <b>Recommended Dilutions</b> | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Cell Surface), CyTOF-ready |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.                                |



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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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