

# Product Datasheet

## EMMPRIN/CD147 Antibody (OX114) [Alexa Fluor® 488] NB100-65518AF488

Unit Size: 0.125 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB100-65518AF488**

EMMPRIN/CD147 Antibody (OX114) [Alexa Fluor® 488]

Product Information	
Unit Size	0.125 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	OX114
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rat
Gene ID	682
Gene Symbol	BSG
Species	Mouse
Specificity/Sensitivity	NB100-65518 recognizes mouse CD147 (also known as basigin). CD147 is a cell surface glycoprotein that is widely expressed on leukocytes, red cells, platelets and endothelial cells. The reported functions of CD147 are diverse and include involvement in T-cell activation, cell adhesion and induction of matrix metalloproteinases. OX-114 recognizes both isoforms of CD147, the common form containing 2 Ig-like domains and the rare form containing 3 Ig-like domains. This antibody is routinely tested in flow cytometry on mouse splenocytes. Note that for staining of whole blood samples increased amounts of antibody may be required due to the presence of CD147 on erythrocytes.
Immunogen	Fusion protein mCD147dO-2rCD4d3 +4
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.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**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-65518AF488**

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IC005G	Rat IgG1 Isotype Control (43414) [Alexa Fluor® 488]
NBP2-57810PEP	EMMPRIN/CD147 Recombinant Protein Antigen
DVE00	VEGF [HRP]
DEMP00	EMMPRIN/CD147 [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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