

# Product Datasheet

## **DC-SIGNR/CD299/CLEC4M Antibody (16E7) [Alexa Fluor® 594] - Chimeric NBP2-52649AF594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52649AF594**

DC-SIGNR/CD299/CLEC4M Antibody (16E7) [Alexa Fluor® 594] - Chimeric

| 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                   | 16E7   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG Kappa  |
| Conjugate               | Alexa Fluor 594  |
| Purity                  | Protein A purified   |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Rabbit   |
| Gene ID                 | 10332  |
| Gene Symbol             | CLEC4M   |
| Species                 | Human  |
| Reactivity Notes        | Human  |
| Specificity/Sensitivity | Human CD299, which is an oligomeric type II transmembrane protein with a C-type lectin extracellular domain, the expression of which is restricted to immature DC, macrophages in the lung, and endothelial cells in the liver. It binds ICAM-3 and ICAM-7 to mediate the interaction of DC with T lymphocytes and endothelial cells in the initial stages of immune response and in the migratory behavior of DC. CD299 also binds the gp120 protein of HIV and the E2 envelope protein of HCV, thereby playing a role in viral infection.  |
| Immunogen               | CD299  |
| Notes                   | <p>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.</p> |



| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                   |





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### **Products Related to NBP2-52649AF594**

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|                |   |
|----------------|---|
| NBP2-48770PEP  | DC-SIGNR/CD299/CLEC4M Recombinant Protein Antigen |
| 6507-IL-010/CF | IL-4 [Unconjugated]                               |
| 162-D2-050     | DC-SIGNR/CD299/CLEC4M [Unconjugated]              |
| AF933          | ACE-2 Antibody [Unconjugated]                     |

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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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