

# Product Datasheet

## **DC-SIGNR/CD299/CLEC4M Antibody (16E7) [DyLight 488] - Chimeric NBP2-52649G**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52649G**

DC-SIGNR/CD299/CLEC4M Antibody (16E7) [DyLight 488] - 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           | DyLight 488   |
| 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                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |

| 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 NBP2-52649G**

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|                |   |
|----------------|---|
| NBP2-33376H    | Blue Marker Antibody (6F4-F6) [HRP]               |
| NBP2-48770PEP  | DC-SIGNR/CD299/CLEC4M Recombinant Protein Antigen |
| 6507-IL-010/CF | IL-4 [Unconjugated]                               |
| 162-D2-050     | DC-SIGNR/CD299/CLEC4M [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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