

# Product Datasheet

## CD31/PECAM-1 Antibody (CO.3E1D4) [DyLight 755] NB100-65900IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65900IR**

CD31/PECAM-1 Antibody (CO.3E1D4) [DyLight 755]

| 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                       | CO.3E1D4                                                                                                                                                                                                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                      |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                   |
| Conjugate                   | DyLight 755                                                                                                                                                                                                                                                             |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                      |
| Target Molecular Weight     | 82.5 kDa                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                   |
| Gene ID                     | 5175                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | PECAM1                                                                                                                                                                                                                                                                  |
| Species                     | Sheep                                                                                                                                                                                                                                                                   |
| Reactivity Notes            | Predicted cross-reactivities: Goat, Bovine                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | NB100-65900 is specific for ovine CD31, also known as PECAM-1. Ovine CD31 is predominantly expressed by peripheral blood platelets and a small percentage of lymphocytes. CD31 is also highly expressed by ovine endothelial cells.                                     |
| Immunogen                   | Ovine leucocytes                                                                                                                                                                                                                                                        |
| Notes                       | Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. 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, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                        |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                  |





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### **Products Related to NB100-65900IR**

|                |                                                    |
|----------------|----------------------------------------------------|
| NB100-65900APC | CD31/PECAM-1 Antibody (CO.3E1D4) [Allophycocyanin] |
| NBP2-54655PEP  | CD31/PECAM-1 Recombinant Protein Antigen           |
| 210-TA-005     | TNF-alpha [Unconjugated]                           |
| 3628-PC-050    | CD31/PECAM-1 [Unconjugated]                        |

### **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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