

# Product Datasheet

## ICAM-3/CD50 Antibody (186-2G9) [DyLight 594] NBP2-34521DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34521DL594**

ICAM-3/CD50 Antibody (186-2G9) [DyLight 594]

| 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               | 186-2G9                                                                                     |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2b Kappa                                                                                 |
| Conjugate           | DyLight 594                                                                                 |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene ID                 | 3385                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol             | ICAM3                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity | Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This monoclonal antibody is excellent for staining of formalin/paraffin tissues. |
| Immunogen               | Stimulated human leukocytes                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                             |

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





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### **Products Related to NBP2-34521DL594**

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|                 |                                                                    |
|-----------------|--------------------------------------------------------------------|
| NBP1-43317DL594 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 594] |
| NBP2-57135PEP   | ICAM-3/CD50 Recombinant Protein Antigen                            |
| 210-TA-005      | TNF-alpha [Unconjugated]                                           |
| 715-IC-050      | ICAM-3/CD50                                                        |

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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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