

# Product Datasheet

## ICAM-3/CD50 Antibody (186-2G9) [mFluor Violet 500 SE] NBP2-34521MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34521MFV500**

ICAM-3/CD50 Antibody (186-2G9) [mFluor Violet 500 SE]

| 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           | mFluor Violet 500 SE                                                                        |
| 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                   | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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 NBP2-34521MFV500**

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| NBP1-43317MFV500 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [mFluor Violet 500 SE] |
| NBP2-57135PEP    | ICAM-3/CD50 Recombinant Protein Antigen                                     |
| 210-TA-005       | TNF-alpha [Unconjugated]                                                    |
| 715-IC-050       | ICAM-3/CD50 [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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