

# Product Datasheet

## Integrin alpha 2/CD49b Antibody [FITC] AF1740F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1740F**

Integrin alpha 2/CD49b Antibody [FITC]

| 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                   | Polyclonal                                                                                                                                                                                                                                                                                                                         |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                 |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | FITC                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                          |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                    |
| Host                        | Sheep                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 3673                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | ITGA2                                                                                                                                                                                                                                                                                                                              |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Detects mouse Integrin $\alpha$ 2/CD49b in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant human Integrin $\alpha$ M is observed and less than 1% cross-reactivity with recombinant mouse (rm) Integrin $\alpha$ 5 and rmIntegrin $\alpha$ E is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Integrin $\alpha$ 2/CD49b Tyr27-Thr1129<br>Accession # Q62469                                                                                                                                                                                                                |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                    |
| Applications                | Western Blot, Flow Cytometry, CyTOF-ready, Immunocytochemistry                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunocytochemistry, CyTOF-ready                                                                                                                                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                             |





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### **Products Related to AF1740F**

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| NBP1-96898         | Sheep IgG Isotype Control [FITC]                              |
| H00003673-Q01-10ug | Recombinant Human Integrin alpha 2/CD49b GST (N-Term) Protein |
| 7268-CT-100        | CTLA-4 [Unconjugated]                                         |
| NBP3-39953         | Human Integrin alpha 2/CD49b ELISA Kit (Colorimetric)         |

### **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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