

# Product Datasheet

## Integrin alpha 2/CD49b Antibody (430907) [Allophycocyanin] FAB12331A

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB12331A**

Integrin alpha 2/CD49b Antibody (430907) [Allophycocyanin]

| 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                       | 430907                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 3673                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | ITGA2                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | Detects human Integrin $\alpha$ 2/CD49b in direct ELISAs and Western blots. In direct ELISAs and Western blots, 50 $\square$ 100% cross $\square$ reactivity with recombinant mouse (rm) Integrin $\alpha$ 2 is observed and no cross-reactivity with recombinant human (rh) Integrin $\alpha$ 1, $\alpha$ 3, $\alpha$ 5, $\alpha$ 6, $\alpha$ 8, $\alpha$ 9, $\alpha$ 10, $\alpha$ 11, $\alpha$ L, $\alpha$ M, or $\alpha$ V is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant human Integrin $\alpha$ 2/CD49b<br>Tyr30-Thr1132<br>Accession # P17301                                                                                                                                                                                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                     |





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### **Products Related to FAB12331A**

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| IC006A             | Rat IgG2a Isotype Control (54447) [Allophycocyanin]           |
| 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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