

# Product Datasheet

## Integrin beta 7 Antibody (FIB504) [Alexa Fluor® 594] NBP2-81086AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81086AF594**

Integrin beta 7 Antibody (FIB504) [Alexa Fluor® 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                   | FIB504   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG Kappa  |
| Conjugate               | Alexa Fluor 594  |
| Purity                  | Protein A purified   |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Rabbit   |
| Gene ID                 | 3695   |
| Gene Symbol             | ITGB7  |
| Species                 | Human, Mouse   |
| Specificity/Sensitivity | FIB504 recognizes an epitope on Integrin beta 7 subunit that overlaps completely with the epitope defined by Fib27 and Fib30, and also partially with the epitope defined by FIB21 and FIB22. In the mouse beta-7 is selectively found on the majority of mature lymphocytes, whereas a small subpopulation of thymocytes and bone marrow cells express beta-7. Beta-7 is also expressed in variable amounts in CD4 T memory cells. Integrin molecules mediate cell-cell and cell-extracellular matrix adhesion and are involved in lymphocyte homing, leukocyte recruitment to inflammatory sites, myogenesis, hemopoiesis, and melanoma metastasis.  |
| Immunogen               | FIB504 was prepared by immunizing rats with TK1 cells.   |
| Notes                   | <p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. 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.</p> |



| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize |
| Recommended Dilutions       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.    |



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**Products Related to NBP2-81086AF594**

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|                    |  |
|--------------------|--|
| H00003695-P01-10ug | Recombinant Human Integrin beta 7 GST (N-Term) Protein |
| DVE00              | VEGF [HRP]   |
| NBL1-12076         | Integrin beta 7 Overexpression Lysate                  |
| NB100-56566        | TLR4 Antibody (76B357.1) - BSA Free                    |

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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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