

# Product Datasheet

## **TIM-4 Antibody (3A1) [Janelia Fluor® 646] NBP3-11990JF646**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11990JF646**

TIM-4 Antibody (3A1) [Janelia Fluor® 646]

| 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               | 3A1                                                                                         |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG Kappa                                                                                   |
| Conjugate           | Janelia Fluor 646                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID                 | 91937                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | TIMD4                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity | This antibody is specific for murine TIM-4, which unlike other TIM family members, is not expressed on T lymphocytes but rather found on antigen presenting cells such as lymphoid and myeloid DC's and macrophages. TIM-4 has been shown to interact with TIM-1 thereby suggesting a role of TIM-4 in the balance of Th1/Th2 regulation. Additionally TIM-4 has been shown to be a receptor for phosphatidylserine and may play a role in engulfment of apoptotic cells. |
| Immunogen               | This antibody was raised by immunising female Lewis rats (Harlan Sprague-Dawley) with TIM-4:Ig fusion protein in complete Freund's adjuvant.                                                                                                                                                                                                                                                                                                                              |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                     |

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





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP3-11990JF646**

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|                |                                   |
|----------------|-----------------------------------|
| NBP1-87569PEP  | TIM-4 Recombinant Protein Antigen |
| 210-TA-005     | TNF-alpha [Unconjugated]          |
| 2826-TI-050    | TIM-4 [Unconjugated]              |
| 6507-IL-010/CF | IL-4 [Unconjugated]               |

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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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