

# Product Datasheet

## TIM-4 Antibody (3A1) [mFluor Violet 610 SE] NBP3-11990MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11990MFV610**

TIM-4 Antibody (3A1) [mFluor Violet 610 SE]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 3A1   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG Kappa   |
| <b>Conjugate</b>                   | mFluor Violet 610 SE  |
| <b>Purity</b>                      | Protein A purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Rabbit  |
| <b>Gene ID</b>                     | 91937   |
| <b>Gene Symbol</b>                 | TIMD4   |
| <b>Species</b>                     | Mouse   |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | This antibody was raised by immunising female Lewis rats (Harlan Sprague-Dawley) with TIM-4:Ig fusion protein in complete Freund's adjuvant.  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Block/Neutralize   |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Block/Neutralize   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |

## Images

TIM-4 Antibody (3A1) [mFluor Violet 610 SE] [NBP3-11990MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

| LASER (nm)   | FILTER |
|--------------|--------|
| Violet (405) | 605/30 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 421                 | 613               |



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### **Products Related to NBP3-11990MFV610**

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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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