

# Product Datasheet

## TNF-alpha Antibody [Janelia Fluor® 669] AF-410-NAJF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-410-NAJF669**

TNF-alpha Antibody [Janelia Fluor® 669]

| 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                   | Janelia Fluor 669                                                                                                                                                                                                                             |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                     |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                               |
| Host                        | Goat                                                                                                                                                                                                                                          |
| Gene ID                     | 7124                                                                                                                                                                                                                                          |
| Gene Symbol                 | TNF                                                                                                                                                                                                                                           |
| Species                     | Human, Mouse                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | Detects mouse TNF- $\alpha$ in ELISAs. Detects human and mouse TNF- $\alpha$ in Western blots. In sandwich immunoassays, approximately 50% cross-reactivity with recombinant rat TNF- $\alpha$ is observed.                                   |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse TNF- $\alpha$<br>Leu80-Leu235<br>Accession # P06804                                                                                                                                                 |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                               |
| Applications                | Western Blot, Immunohistochemistry, CyTOF-ready, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Immunocytochemistry, Intracellular Staining by Flow Cytometry, Neutralization |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                        |





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### **Products Related to AF-410-NAJF669**

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|                 |                                     |
|-----------------|-------------------------------------|
| NBP2-35076-10ug | Recombinant Human TNF-alpha Protein |
| M6000B-1        | IL-6 [HRP]                          |
| 210-TA-005      | TNF-alpha [Unconjugated]            |
| 201-LB-005      | IL-1 beta/IL-1F2 [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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