

# Product Datasheet

## IL-1 beta/IL-1F2 Antibody [Janelia Fluor® 669] AF-501-NAJF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-501-NAJF669**

IL-1 beta/IL-1F2 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                     | 3553                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | IL1B                                                                                                                                                                                                                                                                                            |
| Species                     | Rat                                                                                                                                                                                                                                                                                             |
| Specificity/Sensitivity     | Detects rat IL-1 $\beta$ /IL-1F2 in ELISAs and Western blots. In sandwich immunoassays, less than 1% cross-reactivity with recombinant mouse IL-1 $\beta$ is observed and less than 0.5% cross-reactivity with recombinant human IL-1 $\beta$ and recombinant porcine IL-1 $\beta$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant rat IL-1 $\beta$ /IL-1F2 (R&D Systems, Catalog # 501-RL) Val117-Ser268<br>Accession # Q63264                                                                                                                                                                |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Immunocytochemistry, Neutralization                                                                                                                                |
| Recommended Dilutions       | Western Blot, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), Immunocytochemistry                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                          |



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**Products Related to AF-501-NAJF669**

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|                 |                                            |
|-----------------|--------------------------------------------|
| NBP2-35895-10ug | Recombinant Human IL-1 beta/IL-1F2 Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]                   |
| 201-LB-005      | IL-1 beta/IL-1F2 [Unconjugated]            |
| M6000B-1        | IL-6 [HRP]                                 |

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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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