

# Product Datasheet

## IL-6 Antibody [Janelia Fluor® 669] AF1609JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1609JF669**

IL-6 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                     | 3569                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | IL6                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Canine                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | Detects canine IL-6 in ELISAs and Western blots. In sandwich ELISAs, less than 5% cross-reactivity with recombinant feline IL-6 and recombinant porcine IL-6 is observed, and less than 0.2% cross-reactivity with recombinant human IL-6, recombinant mouse IL-6, recombinant rat IL-6, recombinant cotton rat IL-6, and recombinant equine IL-6 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant canine IL-6<br>Thr23-Met207<br>Accession # P41323                                                                                                                                                                                                                                                                          |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, 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, 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 AF1609JF669**

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|                 |                                              |
|-----------------|----------------------------------------------|
| AB-108-CJF669   | Goat IgG Isotype Control [Janelia Fluor 669] |
| NBP2-35134-10ug | Recombinant Mouse IL-6 Protein               |
| 210-TA-005      | TNF-alpha [Unconjugated]                     |
| D6050B          | 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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