

# Product Datasheet

## Common gamma Chain/IL-2 R gamma Antibody [Janelia Fluor® 646] AF784J

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/13/2025 v.20.1

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**AF784J**

Common gamma Chain/IL-2 R gamma Antibody [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                   | Polyclonal                                                                                                                                                                                                                                                                                                                   |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                           |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                          |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                                                            |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                                                                              |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                         |
| Gene ID                     | 3561                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | Il2rg                                                                                                                                                                                                                                                                                                                        |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Detects mouse Common $\gamma$ Chain/IL-2 R $\gamma$ in direct ELISAs and Western blots. In Western blots, approximately 5% cross-reactivity with recombinant human (rh) IL-2 R $\gamma$ is observed and less than 1% cross-reactivity with rhIL-2 R $\alpha$ , recombinant mouse IL-2 R $\beta$ , and rhIL-15 R is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Common $\gamma$ Chain/IL-2 R $\gamma$<br>Ser25-Ala263<br>Accession # Q3UPA9                                                                                                                                                                    |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Neutralization                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot, Neutralization                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                       |





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### **Products Related to AF784J**

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|                |                                                |
|----------------|------------------------------------------------|
| 6507-IL-010/CF | IL-4 [Unconjugated]                            |
| 384-RG-050     | Common gamma Chain/IL-2 R gamma [Unconjugated] |
| 202-IL-010     | IL-2 [Unconjugated]                            |
| 247-ILB-005    | IL-15 [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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