

# Product Datasheet

## IL-4 Antibody [Janelia Fluor® 646] AF754J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF754J**

IL-4 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                     | 3565                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | IL4                                                                                                                                                                                                                                                                                                                                                                                |
| Species                     | Canine                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity/Sensitivity     | Detects canine IL-4 in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant human IL-4 is observed, 15% cross-reactivity with recombinant feline IL-4 and recombinant porcine IL-4 is observed and less than 1% cross-reactivity with recombinant cotton rat IL-4, recombinant mouse IL-4, and recombinant rat IL-4 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant canine IL-4<br>His25-His132<br>Accession # O77762                                                                                                                                                                                                                                                                                              |
| 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 AF754J**

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|                |                              |
|----------------|------------------------------|
| NBP2-35252-5ug | Recombinant Rat IL-4 Protein |
| 210-TA-005     | TNF-alpha [Unconjugated]     |
| 6507-IL-010/CF | IL-4 [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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