

# Product Datasheet

## IL-2 Antibody [Janelia Fluor® 525] AF1890JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1890JF525**

IL-2 Antibody [Janelia Fluor® 525]

| 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 525                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 3558                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | IL2                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Feline                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | Detects feline IL-2 in ELISAs and Western blots. In sandwich immunoassays, approximately 3% cross-reactivity with recombinant canine IL-2 is observed, approximately 1% cross reactivity with recombinant human IL-2 and recombinant porcine IL-2 is observed, and less than 0.2% cross-reactivity with recombinant mouse IL-2, recombinant equine IL-2, recombinant bovine IL-2, recombinant rat IL-2, and recombinant cotton rat IL-2 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant feline IL-2; Ala21-Thr154 (Cys146Ser)<br>Accession # Q07885                                                                                                                                                                                                                                                                                                                                                      |
| 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 AF1890JF525**

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|                 |                                |
|-----------------|--------------------------------|
| NBP2-35054-10ug | Recombinant Human IL-2 Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]       |
| 202-IL-010      | IL-2 [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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