

# Product Datasheet

## IL-4R alpha Antibody [DyLight 680] AF-230-PBY

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-230-PBY**

IL-4R alpha Antibody [DyLight 680]

| 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           | DyLight 680                                                                                 |
| Purity              | Antigen Affinity-purified                                                                   |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Goat                                                                                                                                                                                                                                                                                                          |
| Gene ID                 | 3566                                                                                                                                                                                                                                                                                                          |
| Gene Symbol             | IL4R                                                                                                                                                                                                                                                                                                          |
| Species                 | Human                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity | Detects human IL-4 R $\alpha$ in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant human (rh) IL-1 sRI, rhIL-1 sRII, rhIL-2 sR $\alpha$ , rhIL-2 sR $\beta$ , rhIL-2 sR $\gamma$ , rhIL-3 sR $\alpha$ , and rhIL-5 sR $\alpha$ is observed. |
| Immunogen               | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-4 R $\alpha$                                                                                                                                                                                                                 |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                             |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, CyTOF-ready                              |
| Recommended Dilutions       | Western Blot, Flow Cytometry, CyTOF-ready                              |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to AF-230-PBY**

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|                 |                                           |
|-----------------|-------------------------------------------|
| AB-108-CY       | Goat IgG Isotype Control [DyLight 680]    |
| NBP2-61210-50ug | Recombinant Human IL-4R alpha His Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]                  |
| 230-4RB-025     | IL-4R alpha [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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