

# Product Datasheet

## Fc gamma RIII (CD16) Antibody [DyLight 650] AF1597W

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1597W**

Fc gamma RIII (CD16) Antibody [DyLight 650]

| 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 650                                                                                                                                                                                                                                     |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                       |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                 |
| Host                        | Goat                                                                                                                                                                                                                                            |
| Gene ID                     | 2214                                                                                                                                                                                                                                            |
| Gene Symbol                 | FCGR3B                                                                                                                                                                                                                                          |
| Species                     | Human                                                                                                                                                                                                                                           |
| Specificity/Sensitivity     | Detects human Fcγ RIIIA/B (CD16) in direct ELISAs and Western blots. In these formats, approximately 5% cross-reactivity with recombinant human Fcγ RIIA is observed and less than 2% cross-reactivity with recombinant mouse CD16 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Fcγ RIIIB (R&D Systems, Catalog # 1597-FC)<br>Thr20-Gln208<br>Accession # O75015                                                                                                          |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Blockade of Receptor-ligand Interaction                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot, Blockade of Receptor-ligand Interaction                                                                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                          |





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### **Products Related to AF1597W**

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|             |                                        |
|-------------|----------------------------------------|
| AB-108-CW   | Goat IgG Isotype Control [DyLight 650] |
| 210-TA-005  | TNF-alpha [Unconjugated]               |
| 1960-FC-050 | Fc gamma RIII (CD16) [Unconjugated]    |
| 202-IL-010  | IL-2 [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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