

# Product Datasheet

## Siglec-3/CD33 Antibody [DyLight 488] AF2220K

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2220K**

Siglec-3/CD33 Antibody [DyLight 488]

| 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 488                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                                                                |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 945                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | CD33                                                                                                                                                                                                                                                                                                                           |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Detects mouse Siglec-3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant human (rh) Siglec-7 and rhSiglec-9 and less than 5% cross-reactivity with recombinant mouse (rm) Siglec-F, rmSiglec-2, rhSiglec-3, rhSiglec-5, and rhSiglec-10 is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Siglec-3/CD33<br>Gln17-Val244<br>Accession # Q63994                                                                                                                                                                                              |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                         |





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### **Products Related to AF2220K**

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|               |                                           |
|---------------|-------------------------------------------|
| AB-108-CK     | Goat IgG Isotype Control [DyLight 488]    |
| NBP2-32709PEP | Siglec-3/CD33 Recombinant Protein Antigen |
| DC140         | CD14 [HRP]                                |
| 1137-SL-050   | Siglec-3/CD33 [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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