

# Product Datasheet

## IL-1 alpha/IL-1F1 Antibody [DyLight 650] AF552W

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF552W**

IL-1 alpha/IL-1F1 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                     | 3552                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | IL1A                                                                                                                                                                                                                                                                                                                                                                               |
| Species                     | Cotton Rat                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | Detects cotton rat IL-1 $\alpha$ /IL-1F1 in direct ELISAs and Western blots. In Western blots, approximately 40% cross-reactivity with recombinant rat IL-1 $\alpha$ is observed, 15% cross-reactivity with recombinant mouse IL-1 $\alpha$ is observed, and less than 1% cross-reactivity with recombinant human IL-1 $\alpha$ and recombinant porcine IL-1 $\alpha$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant cotton rat IL-1 $\alpha$ /IL-1F1                                                                                                                                                                                                                                                                                                               |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                  |
| 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 AF552W**

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|                    |                                           |
|--------------------|-------------------------------------------|
| NB410-28088C-500ul | Goat IgG Isotype Control [DyLight 650]    |
| NBP2-35227-100ug   | Recombinant Rat IL-1 alpha/IL-1F1 Protein |
| 236-EG-200         | EGF [Unconjugated]                        |
| 200-LA-002         | IL-1 alpha/IL-1F1                         |

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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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