

# Product Datasheet

## IL-1 beta/IL-1F2 Antibody (608714) [DyLight 680] FAB33401Y

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB33401Y**

IL-1 beta/IL-1F2 Antibody (608714) [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                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone                       | 608714                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate                   | DyLight 680                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 3553                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | IL1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                     | Equine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | Detects equine IL-1 $\beta$ /IL-1F2 in direct ELISAs. In direct ELISAs, 100% cross-reactivity with recombinant canine, guinea pig, mouse, rat, and porcine IL-1 beta is observed and 10-50% cross-reactivity with recombinant feline, human, rabbit, and rhesus IL-1 beta is observed. Approximately 20% cross-reactivity with recombinant mouse (rm) IL-36 alpha and no cross-reactivity with recombinant human (rh) IL-36 alpha, rhIL-36 gamma, rhIL-1F10, rhIL-36Ra, rmIL-1Ra, rmIL-18, or rmIL-36 beta is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant equine IL-1 $\beta$ /IL-1F2<br>Ala116-Ala268<br>Accession # Q28286                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applications                | Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |





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### **Products Related to FAB33401Y**

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|                 |                                                |
|-----------------|------------------------------------------------|
| NBP1-97005FR    | Mouse IgG1 Isotype Control (MG1) [DyLight 680] |
| NBP2-35895-10ug | Recombinant Human IL-1 beta/IL-1F2 Protein     |
| 210-TA-005      | TNF-alpha [Unconjugated]                       |
| 201-LB-005      | IL-1 beta/IL-1F2 [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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