

# Product Datasheet

## IL-1 beta/IL-1F2 Antibody [Janelia Fluor® 549] AF681I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF681I**

IL-1 beta/IL-1F2 Antibody [Janelia Fluor® 549]

| 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                   | Janelia Fluor 549                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 3553                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | IL1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Porcine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | Detects porcine IL-1 $\beta$ /IL-1F2 in direct ELISAs and Western blots. In direct ELISAs, approximately 45%-75% cross-reactivity with recombinant human IL-1 $\beta$ , recombinant mouse IL-1 $\beta$ , recombinant rat IL-1 $\beta$ , recombinant feline IL-1 $\beta$ , recombinant canine IL-1 $\beta$ , recombinant equine IL-1 $\beta$ , recombinant guinea pig IL-1 $\beta$ , recombinant rabbit IL-1 $\beta$ , and recombinant rhesus monkey IL-1 $\beta$ is observed and less than 15% cross-reactivity with recombinant cotton rat IL-1 $\beta$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant porcine IL-1 $\beta$ /IL-1F2<br>Ala115-Pro267<br>Accession # P26889                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 AF681I**

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|                  |                                              |
|------------------|----------------------------------------------|
| NB410-28088JF549 | Goat IgG Isotype Control [Janelia Fluor 549] |
| 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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