

# Product Datasheet

## EphB1 Antibody [Janelia Fluor® 525] AF542JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF542JF525**

EphB1 Antibody [Janelia Fluor® 525]

| 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 525                                                                                                                                                                                                                                                                                                                        |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                                                                                                          |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                     | 2047                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | EPHB1                                                                                                                                                                                                                                                                                                                                    |
| Species                     | Rat                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | Detects rat EphB1 in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant mouse (rm) EphA3, rmEphA4, rmEphB2, rmEphB3, rmEphB4, and rmEphB6 is observed, less than 1% cross-reactivity with recombinant human (rh) EphA1, rhEphA5, rmEphA7, rmEphA8, and recombinant rat EphA5 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant rat EphB1 Met18-Gln538<br>Accession # P09759                                                                                                                                                                                                                                             |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                    |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                   |





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### **Products Related to AF542JF525**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJF525 | Goat IgG Isotype Control [Janelia Fluor 525] |
| 1596-B1-200   | EphB1 [Unconjugated]                         |
| NBP2-22203    | ERK1 Antibody (1E5)                          |
| AF467         | EphB2 Antibody [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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