

# Product Datasheet

## EphA5 Antibody [Janelia Fluor® 549] AF3037I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF3037I**

EphA5 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                     | 2044                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Symbol                 | EPHA5                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | Detects mouse EphA5 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 15% cross-reactivity with recombinant mouse (rm) EphA3 is observed, 10% cross-reactivity with rmEphA7 is observed, 5% cross-reactivity with rmEphA2, rmEphA4, rmEphA8, rmEphB2, rmEphB3, and recombinant rat EphB1 is observed, and less than 1% cross-reactivity with rmEphA1, rmEphB4, and rmEphB6 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse EphA5 Ser58-Pro412<br>Accession # Q60629                                                                                                                                                                                                                                                                                                                              |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, Flow Cytometry, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                      |



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### **Products Related to AF3037I**

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|             |                                              |
|-------------|----------------------------------------------|
| AB-108-CI   | Goat IgG Isotype Control [Janelia Fluor 549] |
| 374-EA-200  | Ephrin-A5                                    |
| 3036-A5-100 | EphA5 [Unconjugated]                         |
| 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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