

# Product Datasheet

## AGER Antibody [Janelia Fluor® 549] AF4750I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF4750I**

AGER 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                        | Sheep                                                                                                                                                                                                                                                        |
| Gene ID                     | 177                                                                                                                                                                                                                                                          |
| Gene Symbol                 | AGER                                                                                                                                                                                                                                                         |
| Species                     | Canine                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects canine RAGE in ELISAs and Western blots. In sandwich immunoassays, approximately 0.5% cross-reactivity with recombinant human RAGE is observed and less than 0.1% cross-reactivity with recombinant mouse RAGE and recombinant rat RAGE is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant canine RAGE Asp25-Val339<br>Accession # XP_532093                                                                                                                                                            |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair)                                                                                                                                  |
| Recommended Dilutions       | Western Blot, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)                                                                                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                       |





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### **Products Related to AF4750I**

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|               |                                  |
|---------------|----------------------------------|
| NBP2-57198PEP | AGER Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]         |
| DRG00         | AGER [HRP]                       |
| DVE00         | VEGF [HRP]                       |

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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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