

# Product Datasheet

## Acrosin Antibody (ACR-2) [Janelia Fluor® 549] NB500-419JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-419JF549**

Acrosin Antibody (ACR-2) [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                   | Monoclonal                                                                                                                                                                                                      |
| Clone                       | ACR-2                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                              |
| Isotype                     | IgG1                                                                                                                                                                                                            |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                               |
| Purity                      | Protein A purified                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                           |
| Gene ID                     | 49                                                                                                                                                                                                              |
| Gene Symbol                 | ACR                                                                                                                                                                                                             |
| Species                     | Porcine, Bovine (Negative), Canine (Negative), Human (Negative)                                                                                                                                                 |
| Specificity/Sensitivity     | The antibody ACR-2 reacts with various forms of porcine acrosin (55, 53, 45 and 35 kDa), a typical serine proteinase with trypsin-like specificity. Acrosin is stored in the acrosome of undamaged spermatozoa. |
| Immunogen                   | Acid extracts of boar spermatozoa were subjected to hydrophobic chromatography and the pooled fraction with reactivity to N-alpha benzoylarginine-4-nitroanilide was used for immunization.                     |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                 |
| Applications                | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, CyTOF-ready                                                                                                        |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Flow (Intracellular), CyTOF-ready                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                          |





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### **Products Related to NB500-419JF549**

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| NBP1-97005JF549 | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 549] |
| NBP2-14260PEP   | Acrosin Recombinant Protein Antigen                  |
| 210-TA-005      | TNF-alpha [Unconjugated]                             |
| NBP3-27495      | Human Acrosin ELISA Kit (Colorimetric)               |

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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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