

# Product Datasheet

## TCR alpha/beta Antibody (BMA031) [Janelia Fluor® 549] NBP3-43550JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-43550JF549**

TCR alpha/beta Antibody (BMA031) [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                       | BMA031                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                  |
| Isotype                     | IgG                                                                                                                                                                                                                                 |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                   |
| Purity                      | Protein A purified                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                              |
| Gene ID                     | 6955                                                                                                                                                                                                                                |
| Gene Symbol                 | TRA                                                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | This antibody reacts with surface receptors on all alpha-beta TCR alpha/beta bearing cells, but does not react with receptors on gamma-delta T cells. TCR alpha/beta-alphabeta is expressed by the majority of mature CD3+ T cells. |
| Immunogen                   | The original antibody was generated by immunizing mice with human perihperal blood T-lymphocytes.                                                                                                                                   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                     |
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Serum, Block/Neutralize                                                                                                                                               |
| Recommended Dilutions       | Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize, Serum                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                              |





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### **Products Related to NBP3-43550JF549**

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|                 |                                                |
|-----------------|------------------------------------------------|
| NBP2-24891JF549 | Rabbit IgG Isotype Control [Janelia Fluor 549] |
| AF1759          | Oct-3/4 Antibody [Unconjugated]                |
| NBP1-19371      | CD4 Antibody - BSA Free                        |
| NB600-1441      | CD3 Antibody (SP7)                             |

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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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