

# Product Datasheet

## TCR beta Antibody (H57-597) [Janelia Fluor® 549] - Chimeric NBP3-20118JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-20118JF549**

TCR beta Antibody (H57-597) [Janelia Fluor® 549] - Chimeric

| 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               | H57-597   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG Lambda  |
| Conjugate           | Janelia Fluor 549   |
| Purity              | Protein A purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Rabbit  |
| Gene ID                 | 21577   |
| Gene Symbol             | Tcrb  |
| Species                 | Mouse   |
| Specificity/Sensitivity | mAb H57-597 reacts with surface receptors on all alpha-beta TCR bearing cells, but does not react with receptors on gamma-delta T cells.  |
| Immunogen               | Hamsters were immunised with affinity purified DO-11.10 TCR, and produced detectable anti-TCR antibodies which were judged by the ability of the anti-sera to immunoprecipitate TCR from surface labelled DO-11.10 T cell hybridomas. Hamster 57 was selected for hybridisation, and B cell hybridomas were produced using polyethylene glycol fusion of hamster splenic B cells to the mouse myeloma variant. Selected mAb were screened after subsequent culturing for their ability to immunoprecipitate TCR from detergent lysates of surface-radiolabelled murine T cell hybridomas. |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                            |





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### **Products Related to NBP3-20118JF549**

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|             |                                   |
|-------------|-----------------------------------|
| 285-IF-100  | IFN-gamma [Unconjugated]          |
| 202-IL-010  | IL-2 [Unconjugated]               |
| NBP1-19371  | CD4 Antibody - BSA Free           |
| NB100-77417 | CD45 Antibody (30-F11) - BSA Free |

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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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