

# Product Datasheet

## TCR V beta 3 Antibody (JOVI.3) [PE/Cy7] NBP2-50356PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-50356PECY7**

TCR V beta 3 Antibody (JOVI.3) [PE/Cy7]

| 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. Do not freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clone                       | JOVI.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugate                   | PE/Cy7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 6957                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | TRB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | The antibody recognises any human T cell receptor that has the vB3 region, staining 50-75% % of peripheral blood T cells and T cell lines.                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                   | Thymus, spleen and mesenteric lymph nodes isolated from a mouse transgenic for human Vb3 TcR.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry, Functional, Immunohistochemistry, Immunoprecipitation, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Functional, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |





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### **Products Related to NBP2-50356PECY7**

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|            |                                    |
|------------|------------------------------------|
| 202-IL-010 | IL-2 [Unconjugated]                |
| MEP00B     | Erythropoietin/EPO [HRP]           |
| NBP1-19371 | CD4 Antibody - BSA Free            |
| AF276      | HGFR/c-MET 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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