

# Product Datasheet

## CD45RO Antibody (T200/797) [DyLight 680] NBP2-54315FR

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54315FR**

CD45RO Antibody (T200/797) [DyLight 680]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | T200/797                                                                                    |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a Kappa                                                                                 |
| Conjugate           | DyLight 680                                                                                 |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                                                                                                                    |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID                 | 5788                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | PTPRC                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Marker                  | T-Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity | Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). This antibody reacts with mature activated T-cells, most thymocytes, and a sub-population of resting T-cells within both CD4 and CD8 subsets. It shows no reactivity with normal B or natural killer cells, but reacts with granulocytes and monocytes. Reportedly, it is useful to identify T-cell lymphomas and leukemias. It rarely stains NK cells or B-cell lymphomas. |
| Immunogen               | Human T-lymphocytes (Uniprot: P08575)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                        |

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





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### **Products Related to NBP2-54315FR**

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|              |                                                        |
|--------------|--------------------------------------------------------|
| NBP1-96981FR | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 680] |
| 210-TA-005   | TNF-alpha [Unconjugated]                               |
| 10642-CD-050 | CD45RO [Unconjugated]                                  |
| D6050        | IL-6 [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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