

# Product Datasheet

## CD45 Antibody (HI30) [Alexa Fluor™ Plus 555] NBP1-79127AFP555

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-79127AFP555**

CD45 Antibody (HI30) [Alexa Fluor™ Plus 555]

| 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               | HI30  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | Alexa Fluor Plus 555  |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 5788   |
| Gene Symbol             | PTPRC  |
| Species                 | Human, Primate   |
| Specificity/Sensitivity | The mouse monoclonal CD45 Antibody (HI30) recognizes all isoforms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets. HLDA IV; WS Code N816   |
| Immunogen               | This CD45 Antibody (HI30) was made against an amino acid sequence that is conserved among all CD45 isoforms.   |
| Notes                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . 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. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), Flow (Intracellular), CyTOF-ready |



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-79127AFP555**

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|                   |                                    |
|-------------------|------------------------------------|
| NBP2-51591-0.02mg | Recombinant Human CD45 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]           |
| 1430-CD-050       | CD45 [Unconjugated]                |
| M6000B-1          | 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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