

# Product Datasheet

## **B220/CD45R Antibody (IVA103) [DyLight 550] NB500-492R**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-492R**

B220/CD45R Antibody (IVA103) [DyLight 550]

| 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                       | IVA103                                                                                                                                                                                                                                                                                                                                         |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | DyLight 550                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 5788                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | PTPRC                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Bovine                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | The antibody IVA103 reacts with CD45R antigen (bovine), a single chain type I transmembrane glycoprotein (member of the protein tyrosine phosphatase family), a restricted form of the CD45 family. CD45R is an essential regulator of T and B lymphocytes antigen receptor signaling and it is specifically expressed in hematopoietic cells. |
| Immunogen                   | Bovine leukocytes.                                                                                                                                                                                                                                                                                                                             |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry, Immunoprecipitation, CyTOF-ready, Immunocytochemistry                                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Flow Cytometry, Immunoprecipitation, Immunocytochemistry, CyTOF-ready                                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                         |





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### **Products Related to NB500-492R**

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|                |                                                |
|----------------|------------------------------------------------|
| NBP1-97005R    | Mouse IgG1 Isotype Control (MG1) [DyLight 550] |
| 210-TA-005     | TNF-alpha [Unconjugated]                       |
| M6000B-1       | IL-6 [HRP]                                     |
| 6507-IL-010/CF | IL-4 [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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