

# Product Datasheet

## IL6R Antibody (rhPM-1 (Tocilizumab)) [DyLight 680] NBP2-75192FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75192FR**

IL6R Antibody (rhPM-1 (Tocilizumab)) [DyLight 680]

| 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                       | rhPM-1 (Tocilizumab)                                                                                                                                                                                                                                                                                                                                                                      |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | DyLight 680                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                           |
| Host                        | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                     | 3570                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | IL6R                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | Tocilizumab binds specifically to both the membrane bound and soluble forms of human IL-6R. The IL6 receptor is a protein complex consisting of an IL-6 receptor subunit (IL6R) and interleukin 6 signal transducer Glycoprotein 130. Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. |
| Immunogen                   | The original antibody was generated by CDR grafting of mouse PM-1 antibody onto human REI and NEW framework regions to create rhPM-1.                                                                                                                                                                                                                                                     |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | ELISA, Immunofluorescence, Inhibition Activity                                                                                                                                                                                                                                                                                                                                            |
| Recommended Dilutions       | ELISA, Immunofluorescence, Inhibition Activity                                                                                                                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                    |





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### **Products Related to NBP2-75192FR**

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|              |                                                |
|--------------|------------------------------------------------|
| NBP3-06872FR | Human IgG1 Kappa Isotype Control [DyLight 680] |
| 210-TA-005   | TNF-alpha [Unconjugated]                       |
| NBP1-89870   | Human IL6R ELISA Kit (Colorimetric)            |
| 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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