

# Product Datasheet

## IL6R Antibody (rhPM-1 (Tocilizumab)) [Alexa Fluor™ Plus 594]

**NBP2-75192AFP594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75192AFP594**

IL6R Antibody (rhPM-1 (Tocilizumab)) [Alexa Fluor™ Plus 594]

| 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           | Alexa Fluor Plus 594  |
| 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                   | 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                | ELISA, Immunocytochemistry/ Immunofluorescence, Inhibition Activity    |
| Recommended Dilutions       | ELISA, Immunocytochemistry/ Immunofluorescence, Inhibition Activity    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-75192AFP594**

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|                  |  |
|------------------|--|
| NBP3-06872AFP594 | Human IgG1 Kappa Isotype Control [Alexa Fluor® Plus 594] |
| 210-TA-005       | TNF-alpha [Unconjugated]                                 |
| NBP3-49799       | Mouse IL6R ELISA Kit (Colorimetric)                      |
| 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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