

# Product Datasheet

## STAT1 Antibody (SM1) [DyLight 755] NB500-514IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB500-514IR**

STAT1 Antibody (SM1) [DyLight 755]

| 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                       | SM1                                                                                                                                                                                                                                                             |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                              |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                           |
| Conjugate                   | DyLight 755                                                                                                                                                                                                                                                     |
| Purity                      | Protein A purified                                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                                                                           |
| Gene ID                     | 6772                                                                                                                                                                                                                                                            |
| Gene Symbol                 | STAT1                                                                                                                                                                                                                                                           |
| Species                     | Human, Mouse                                                                                                                                                                                                                                                    |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.                         |
| Specificity/Sensitivity     | The antibody SM1 recognizes an epitope included within amino acids 721-733 of STAT1, a 91 kDa transcriptional factor involved in a variety of systems including antiviral responses and interferon alpha (IFN-alpha) and gamma (IFN-gamma) signal transduction. |
| Immunogen                   | STAT1 peptide sequence 721-733 (DNLLPMSPEEFDE).                                                                                                                                                                                                                 |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                          |





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### **Products Related to NB500-514IR**

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|                |                                                    |
|----------------|----------------------------------------------------|
| NBP2-27231IR   | Mouse IgG2b Isotype Control (MPC-11) [DyLight 755] |
| NB100-56314PEP | STAT1 Antibody Blocking Peptide                    |
| 210-TA-005     | TNF-alpha [Unconjugated]                           |
| NBL1-16524     | STAT1 Overexpression Lysate                        |

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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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