

# Product Datasheet

## TRA-1-81 Antibody (TRA-1-81) [DyLight 594] NB100-1833DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-1833DL594**

TRA-1-81 Antibody (TRA-1-81) [DyLight 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                       | TRA-1-81                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                |
| Isotype                     | IgM                                                                                                                                                                                                                                                                                                                                                               |
| Conjugate                   | DyLight 594                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | IgM purified                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 5420                                                                                                                                                                                                                                                                                                                                                              |
| Species                     | Human, Mouse (Negative)                                                                                                                                                                                                                                                                                                                                           |
| Reactivity Notes            | Human. This antibody recognizes the TRA-1-81 antigen that is expressed upon the surface of human teratocarcinoma stem cells (EC), human embryonic germ cells (EG) and human embryonic stem cells (ES). No immunoreactivity is seen with murine EC, EG or ES cells. This antibody recognizes antigens that are associated with a pericellular matrix proteoglycan. |
| Marker                      | Embryonic Stem Cell Marker, Tumor Vessel Marker                                                                                                                                                                                                                                                                                                                   |
| Immunogen                   | Human embryonal carcinoma cell line 2102Ep.                                                                                                                                                                                                                                                                                                                       |
| Notes                       | Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                   |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation                                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                                                                                                                                                      |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                            |





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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