

# Product Datasheet

## Fibroblast Antibody (ER-TR7) [DyLight 680] NB100-64932FR

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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**NB100-64932FR**

Fibroblast Antibody (ER-TR7) [DyLight 680]

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clone</b>                       | ER-TR7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate</b>                   | DyLight 680                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Host</b>                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Marker</b>                      | Fibroblast Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b>     | NB100-64932 recognizes ER-TR7, an antigen that is located in the cytoplasm of reticular fibroblasts and is a component of the extracellular matrix of lymphoid and non-lymphoid organs. The antigen recognized by clone ER-TR7 has not been identified but studies suggest that it is likely to be distinct from laminin, fibronectin, collagen types I-IV, heparin sulphate proteoglycan, entactin and nidogen. Clone ER-TR7 has been used to stain the microanatomy of various organs and also stains subendothelial deposits in atherosclerotic plaques. |
| <b>Immunogen</b>                   | Isolated C3H thymic stromal cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |





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### **Products Related to NB100-64932FR**

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|               |                                   |
|---------------|-----------------------------------|
| NB100-64932PE | Fibroblast Antibody (ER-TR7) [PE] |
|---------------|-----------------------------------|

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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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