

# Product Datasheet

## Fibroblasts/Epithelial cells Antibody (D7-FIB) [Alexa Fluor™ Plus 680] NB600-777AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-777AFP680**

Fibroblasts/Epithelial cells Antibody (D7-FIB) [Alexa Fluor™ Plus 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>                       | D7-FIB   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a  |
| <b>Conjugate</b>                   | Alexa Fluor Plus 680   |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Species</b>                     | Human  |
| <b>Specificity/Sensitivity</b>     | NB600-777 recognizes a 112kD molecule expressed on the cell surface of human fibroblasts and epithelial cells. In peripheral blood the antibody stains myeloid cells and a very small number of lymphocytes. Studies upon the antigen have shown it to be sensitive to SDS, but resistant to trypsin, tunicamycin and collagenase. In immunohistological studies the antibody has also been found to bind to epithelium, myoepthelium, smooth muscle and some leucocytes. D7-FIB has been shown to be useful as a cell membrane marker to characterize chondrocyte differentiation giving a positive reaction with dedifferentiated human chondrocytes, and negative with differentiated chondrocytes (3). This product is routinely tested in flow cytometry on the KG1 cell line.  |
| <b>Immunogen</b>                   | Human foreskin fibroblasts   |
| <b>Notes</b>                       | 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. |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry-Paraffin (Negative)   |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin (Negative)   |
| <b>Application Notes</b>           | 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.

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