

# Product Datasheet

## Fibroblasts/Epithelial cells Antibody (D7-FIB) [Alexa Fluor® 405] NB600-777AF405

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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**NB600-777AF405**

Fibroblasts/Epithelial cells Antibody (D7-FIB) [Alexa Fluor® 405]

<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 405
<b>Purity</b>	Protein G 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
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**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry-Paraffin (Negative)
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin (Negative)





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### **Products Related to NB600-777AF405**

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IC003V	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 405]
NB600-777AF488	Fibroblasts/Epithelial cells Antibody (D7-FIB) [Alexa Fluor® 488]

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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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