

# Product Datasheet

## Fibroblast Antibody (ER-TR7) [Alexa Fluor® 405] NB100-64932AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64932AF405**

Fibroblast Antibody (ER-TR7) [Alexa Fluor® 405]

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	ER-TR7
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 405
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rat
Species	Mouse
Marker	Fibroblast Marker
Specificity/Sensitivity	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.
Immunogen	Isolated C3H thymic stromal cells
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.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.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.

**Publications**

Ugur M, Labios RJ, Fenton C et al. Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks *Immunity* 2023-07-07 [PMID: 37463581]

Details:

Alexa Fluor 700 conjugation used





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### **Products Related to NB100-64932AF405**

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IC006V	Rat IgG2a Isotype Control (54447) [Alexa Fluor® 405]
NB100-64932AF647	Fibroblast Antibody (ER-TR7) [Alexa Fluor® 647]

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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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