

Product Datasheet

Fibroblast Surface Protein Antibody (1B10) NB100-1845

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-1845**Fibroblast Surface Protein Antibody (1B10)**

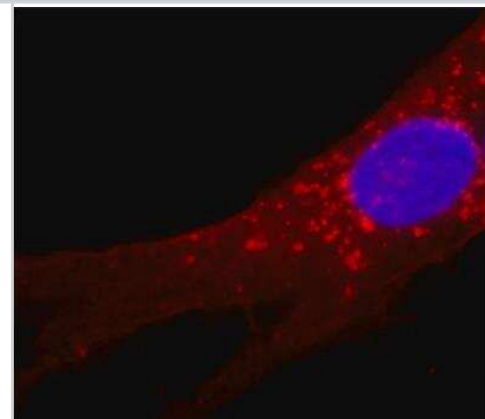
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B10
Preservative	0.9% Sodium Azide
Isotype	IgM
Purity	Unpurified
Buffer	The product is provided as the immunoglobulin fraction of mouse ascites fluid in 0.01 M phosphate buffered saline, pH 7.4, containing 1% BSA.

Product Description	
Host	Mouse
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33296650)
Marker	Fibroblast Marker
Specificity/Sensitivity	This fibroblast antigen has been demonstrated on human synovial, mammary, foreskin and thymic fibroblasts and in malignant fibrosarcoma tissue. The antigen is both cell membrane and lysosome associated.
Immunogen	cultured human thymic fibroblasts

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Complement-dependent Cytotoxicity
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:10-1:500, Complement-dependent Cytotoxicity 1:500

Images

Immunocytochemistry/Immunofluorescence: Fibroblast Surface Protein Antibody (1B10) [NB100-1845] - Hs68 cells were fixed and permeabilized with methanol followed by acetone. Fixed cells were stained with 1:500 Anti-Fibroblast Surface Protein antibody, Mouse monoclonal, Clone: 1B10. The antibody was developed using Goat Anti-Mouse IgG, Cy3 conjugate. Cells were counterstained with DAPI (blue) to stain nuclei.



Publications

Suet Theng Beh, Carlye Frisch, David A. Brafman, Jared Churko, Jessica E. Walker, Geidy E. Serrano, Lucia I. Sue, Eric M. Reiman, Thomas G. Beach, Lih-Fen Lue Human Autopsy-Derived Scalp Fibroblast Biobanking for Age-Related Neurodegenerative Disease Research Cells 2020-10-30 [PMID: 33143239]

Mitamura Y, Reiger M, Kim J et al. Spatial transcriptomics combined with single-cell RNA-sequencing unravels the complex inflammatory cell network in atopic dermatitis Allergy 2023-06-14 [PMID: 37312623] (IHC-Fr, Human)

Jamalpour MR, Yadegari A, Vahdatinia F et al. 3D-printed bi-layered polymer/hydrogel construct for interfacial tissue regeneration in a canine model Dental materials : official publication of the Academy of Dental Materials 2022-06-20 [PMID: 35738951] (ICC/IF, Human)

Fan H, Atiya HI, Wang Y Et al. Epigenomic Reprogramming toward Mesenchymal-Epithelial Transition in Ovarian-Cancer-Associated Mesenchymal Stem Cells Drives Metastasis Cell Rep 2020-12-09 [PMID: 33296650] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 405 version of this antibody.

Traister A, Patel R, Huang A et al. Cardiac regenerative capacity is age- and disease-dependent in childhood heart disease PLoS ONE 2018-07-25 [PMID: 30044800] (IHC-Fr, Human)





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Products Related to NB100-1845

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-62224	Mouse IgM Isotype Control (PFR-03)

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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