

Product Datasheet

Fibronectin Antibody (HFN7.1)

NBP2-32847-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Publications: 5

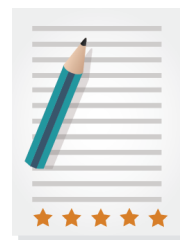
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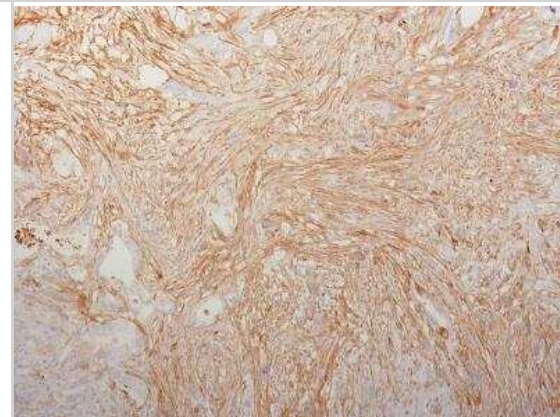
NBP2-32847-0.1mg

Fibronectin Antibody (HFN7.1)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HFN7.1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34633) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2335
Gene Symbol	FN1
Species	Human, Mouse
Specificity/Sensitivity	Fibronectin is a dimeric glycoprotein of 440kDa, which is present in cells, extracellular matrix, and blood. It possesses at least four binding sites for collagen, glycosaminoglycans, transglutaminase, and a cell surface receptor. Fibronectin is involved in cell adhesion, tissue organization, and wound healing. This monoclonal antibody is directed against the peptide core and reacts with both the plasma and cellular forms of fibronectin. It blocks the fibronectin-mediated cell attachment not by disrupting the collagen-fibronectin interaction, but by interfering with the attachment of fibronectin to its receptor on the cell surface.
Immunogen	Human fibronectin Purified from serum by affinity chromatography on gelatin-sepharose (Uniprot: P02751)
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: Fibronectin Antibody (HFN7.1) [NBP2-32847] - Formalin-fixed, paraffin-embedded human Pancreatic Adeno Carcinoma stained with Fibronectin Monoclonal Antibody (HFN7.1).



Publications

Laforçats F, Kotantaki P, Malacrida B et al. Semi-Supervised Analysis of myeloid and T cell behaviour in ex vivo ovarian tumour slices reveals changes in cell motility after treatments iScience 2023-03-01 [PMID: 37091227] (IHC, Human)

Choi G, Cho Y, Yu SJ Et al. Polymer-Coated Surface as an Enzyme-Free Culture Platform to Improve Human Mesenchymal Stem Cell (hMSC) Characteristics in Extended Passaging ACS Appl Bio Mater 2022-01-12 [PMID: 35019506]

Details:

Citation using the Azide and BSA Free version of this antibody.

Shao D, Li K, You M et al. Macrophage polarization by plasma sprayed ceria coatings on titanium-based implants: Cerium valence state matters iScience 2021-06-18 [PMID: 34142044]

Nicolas-Boluda A, Vaquero J, Vimeux L et al. Tumor stiffening reversion through collagen crosslinking inhibition improves T cell migration and anti-PD-1 treatment eLife 2021-06-09 [PMID: 34106045] (IF/IHC, Mouse)

Deguchi S, Hakamada M, Shingu J et al. Inactivation of HeLa cells on nanoporous gold Materialia 2019-09-01 (ELISA, Human)



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Products Related to NBP2-32847-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-91258PEP	Fibronectin Antibody Blocking Peptide

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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