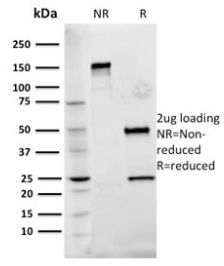
Fibronectin Antibody [clone Fn-3] (V7775)

Catalog No.	Formulation	Size
V7775-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7775-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7775SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	Fn-3
Purity	Protein G affinity chromatography
UniProt	P02751
Applications	Flow cytometry: 1-2ug/10^6 cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Fibronectin antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Fibronectin antibody (clone Fn-3) as confirmation of integrity and purity.

Description

Fibronectins are disulfide-linked, dimeric glycoproteins of ~440kDa. They possess at least four binding sites for collagen, glycosaminoglycans, transglutaminase, and a cell surface receptor. Epitope of this MAb is located in the 2nd-3rd type-III repeats of fibronectin. Fibronectins are extracellular matrix glycoproteins that are essential for embryonic development. Fibronectins are also involved in cell adhesion, tissue organization, and wound healing. Fibronectins are present in basement membranes, interstitial connective tissue matrix, and blood. Cellular fibronectin is widely distributed in the stroma of many malignant tumors. This MAb reacts with human cellular fibronectin, but not plasma fibronectin.

Researchers investigating extracellular matrix remodeling, stromal organization, and integrin-mediated adhesion pathways may also be interested in our Fibronectin 1 Antibody / Extracellular Matrix Marker page featuring validated immunohistochemistry, western blot, and protein microarray specificity data for ECM biology research.

Application Notes

1. Optimal dilution of the Fibronectin antibody should be determined by the researcher.

2. This MAb reacts with human cellular fibronectin, but not plasma fibronectin.

Immunogen

FR5 cells, derived by SV40 transformation of human mammary epithelial cells were used as the immunogen for this Fibronectin antibody.

Storage

Store the Fibronectin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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