

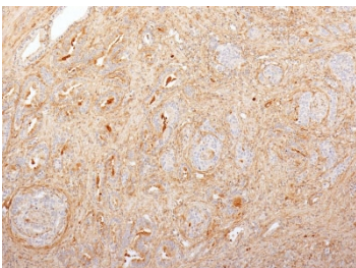
## Fibronectin Antibody [clone 616] (V7408)

Catalog No.	Formulation	Size
V7408-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7408-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7408SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7408IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

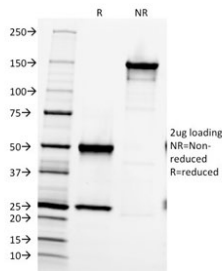
 Citations (2)

[Bulk quote request](#)

<b>Availability</b>	1-2 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	616
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P02751
<b>Localization</b>	Connective tissue matrix
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
<b>Limitations</b>	This Fibronectin antibody is available for research use only.



Fibronectin Antibody Prostate Carcinoma Immunohistochemistry. IHC staining of FFPE human prostate carcinoma with Fibronectin antibody (clone 616). HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling prior to testing.



SDS-PAGE analysis of purified, BSA-free Fibronectin antibody (clone 616) 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. Fibronectins are 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 does not cross-react with MMP-2, MMP-9, or TIMP-2.

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

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

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

High molecular weight proteins secreted by cultivated human fibroblasts were used as the immunogen for the Fibronectin antibody. The epitope of this mAb is located in the 29kDa N-terminal fibrin- and heparin-binding domain of fibronectin.

## Storage

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