

Fibronectin Antibody [clone 568] (V2503)

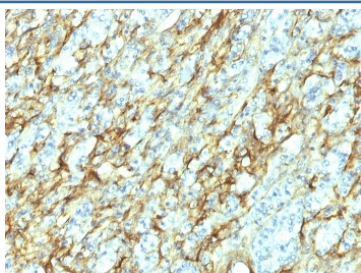
Catalog No.	Formulation	Size
V2503-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2503-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2503SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2503IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml



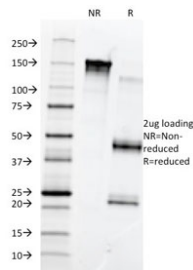
Citations (11)

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	568
Purity	Protein G affinity chromatography
UniProt	P02751
Localization	Connective tissue matrix
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Fibronectin antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human renal cell carcinoma stained with Fibronectin antibody (clone 568).



SDS-PAGE analysis of purified, BSA-free Fibronectin antibody (clone 568) as confirmation of integrity and purity.

Description

Epitope of this mAb is located in the 8th type III repeat in the cell-binding region of fibronectin. 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 is excellent for staining of formalin-fixed, paraffin-embedded tissues.

Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9 for 10-20 min followed by cooling at RT for 20 min
2. 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.

Storage

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