

### 36-1138: Monoclonal Antibody to Fibronectin (Cellular & Plasma)(Clone : HFN7.1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HFN7.1
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	FN1
<b>Gene ID :</b>	2335
<b>Uniprot ID :</b>	P02751
<b>Format :</b>	Purified
<b>Alternative Name :</b>	FN1,FN
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Human fibronectin purified from serum by affinity chromatography on gelatin-sepharose

#### Description

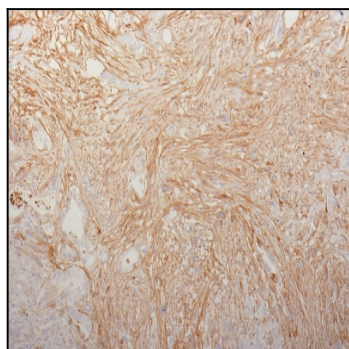
Fibronectin is a dimeric glycoprotein of 440kDa, which is present in cells, extracellular matrix, and blood. It possesses at least four binding sites for collagen, glycosaminoglycans, transglutaminase, and a cell surface receptor. Fibronectin is involved in cell adhesion, tissue organization, and wound healing. This MAb 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.

#### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); 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 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Pancreatic Adenocarcinoma stained with Fibronectin Monoclonal Antibody (HFN7.1).