Fibronectin (Total) Antibody

Mouse Monoclonal Antibody [Clone C6F10]

Catalog No	Format	Size
2335-MSM16-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2335-MSM16-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2335-MSM16-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

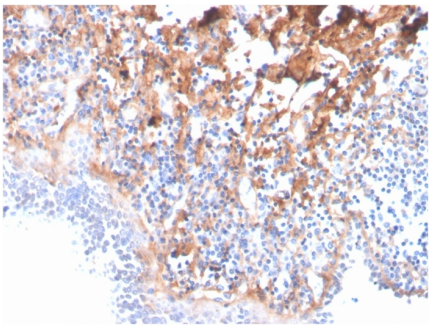
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

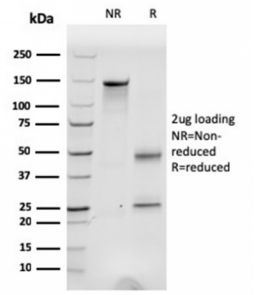
Clone	C6F10
Gene Name	Fn1
Immunogen	Human plasma fibronectin
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	220kDa (monomer); 440kDa (dimer)
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Amphibian, Avian, Bovine, Equine, Human, Monkey, Porcine
Positive Control	SW156 cells. Human kidney.

**Optimal dilution for a specific application should be determined.*

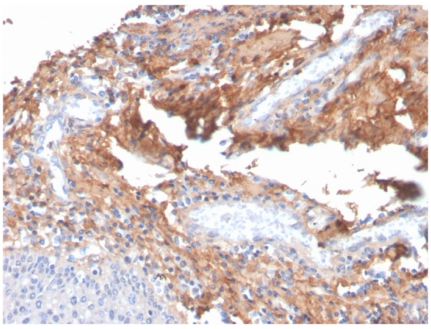
Product Images for Fibronectin (Total) Antibody



Formalin-fixed, paraffin-embedded human tonsil stained with FibronectinMouse Monoclonal Antibody (C6F10).



SDS-PAGE Analysis of Purified Fibronectin Mouse Monoclonal Antibody (C6F10). Confirmation of Integrity and Purity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with Fibronectin Mouse Monoclonal Antibody (C6F10).

Specificity & Comments

Fibronectin is an extracellular matrix glycoprotein present on most cell surfaces, in extracellular fluids and in plasma. A high molecular weight heterodimeric protein, it was originally discovered as a protein missing from the surfaces of virus-transformed cells, and it has been shown to be involved in various functions including cell adhesion, cell motility and wound healing. Alternative splicing and glycosylation give rise to several different forms of Fibronectin, some of which exhibit restricted tissue distribution or association with malignancies. It has been shown that myofibroblast phenotype formation correlates with the occurrence of glycosylated Fibronectin and Fibronectin splice variants in Dupuytren's disease.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Articular Cartilage Extracellular Matrix, Cardiovascular, Cytokine Signaling, Immunology, Infectious Disease, Lung Cancer, Mesenchymal Stem Cell Differentiation, Signal Transduction

Limitations and Warranty