Catalog # 2335-MSM7
Product Datasheet

Fibronectin Antibody

Mouse Monoclonal Antibody [Clone Fn-3]

Catalog No	Format	Size
2335-MSM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2335-MSM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2335-MSM7-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

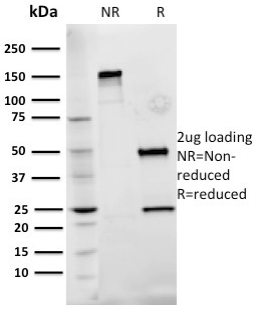
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling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

Product Details

Clone	Fn-3
Gene Name	Fn1
Immunogen	FR5 cells, derived by SV40 transformation of human mammary epithelial cells.
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	Human
Positive Control	SW156 cells. Kidney.

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

Product Images for Fibronectin Antibody



SDS-PAGE Analysis of Purified Fibronectin Mouse Monoclonal Antibody (Fn-3). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% 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

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.