

Mouse Fibronectin Monoclonal Antibody | anti-FN1 antibody

Fibronectin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62587	Mouse	Human, Pig, Mouse, Rat. Others not known	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

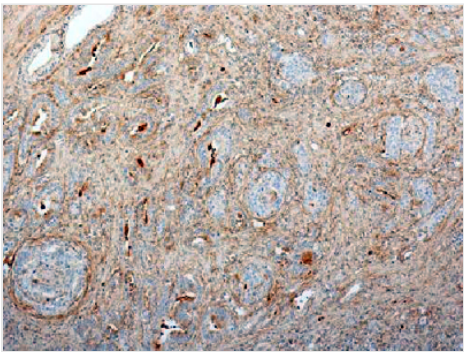
PRODUCT SYNONYMS

Fibronectin; Monoclonal Antibody; Cold insoluble globulin (CIG); FINC; FN1; FNZ; GFND; GFND2; LETS; Migration stimulating factor (MSF); Ugl-Y3; anti-FN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig, Mouse, Rat. Others not known
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	2755-8
Specificity	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.
Form/Format	200 ug/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 and azide at 1.0 mg/ml
Sequence Length	2355
Applicable Applications for anti-FN1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Localization	Connective tissue matrix
Positive Control	SW156 cells or Kidney
Human Chromosomal Location	2q35
Immunogen	T-cell lymphoma biopsy
Preparation and Storage	Antibody with azide- Store at 2 to 8 degree C. Antibody is stable for 24 months.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Pancreatic Adenocarcinoma stained with
Fibronectin Monoclonal Antibody

ADDITIONAL INFORMATION

References	1. Epstein AL, et. al. Cancer Research, 1995, 55(12):2673-80.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16933542
NCBI GeneID	2335
NCBI Accession #	NP_002017.1
NCBI GenBank Nucleotide #	NM_002026.2
UniProt Accession #	P02751; O95609; O95610; Q14312; Q14325; Q14326; Q17RV7; Q564H7; Q585T2; B7ZLF0; E9PE77; E9PG29
Molecular Weight	220kDa (monomer); 440kDa (dimer)
NCBI Official Full Name	fibronectin isoform 3 preproprotein
NCBI Official Synonym Full Names	fibronectin 1
NCBI Official Symbol	FN1
NCBI Official Synonym Symbols	FN; CIG; FNZ; MSF; ED-B; FINC; GFND; LETS; GFND2
NCBI Protein Information	fibronectin; cold-insoluble globulin; migration-stimulating factor
UniProt Protein Name	Fibronectin
UniProt Gene Name	FN1
UniProt Synonym Gene Names	FN; FN; CIG
UniProt Entry Name	FINC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.