

Mouse Fibronectin Monoclonal Antibody | anti-FN1 antibody

Fibronectin (Total)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215452	Mouse	Human, Monkey, Porcine, Bovine, Equine, Avian, Amphibian	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

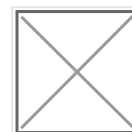
Host	Mouse
Reactivity	Human, Monkey, Porcine, Bovine, Equine, Avian, Amphibian
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	C6F10
Specificity	Fibronectin is an extracellular matrix glycoprotein present on most cell surfaces, in extracellular fluids and in plasma. A high molecular weight heterodimeric 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.
Purity/Purification	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.
Form/Format	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Sequence Length	2355
Applicable Applications for anti-FN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Human plasma fibronectin
Cellular Localization	Extracellular matrix, Extracellular space, Secreted.
Hu-chromosome Location	2q35
Positive Control	SW156 cells. Human kidney.
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

References	Ugarova et. al. Biochemistry, 1996; 35:10913-10921. Shi, Z., et al. 2010. The neuroprotective effect of Batch-2, an aqueous extract from cats claw (Uncaria tomentosa) on 6-OHDA-induced SH-SY5Y cell damage. Prog. Biochem. Biophys. 37: 769-778.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16933542
NCBI GeneID	2335
NCBI Accession #	NP_002017.1
NCBI GenBank Nucleotide #	NP_002017.1
UniProt Accession #	P02751
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; SMDCF
NCBI Protein Information	fibronectin
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fibronectin-antibody-clone-c6f10-western-blot-immunohistochemistry-immunofluorescence-elisa/215452>