Fibronectin (FN1) Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Fibronectin (FN1), Monoclonal Antibody
Full Product Name	Mouse Anti-Human Fibronectin-UNLB
Product Gene Name	anti-FN1 antibody
Product Synonym Names	Mouse Anti-Human Fibronectin - Purified, Unlabeled Antibody; Mouse Anti-Human Fibronectin
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	2F12
Host	Mouse
Species Reactivity	Human
Form/Format	Purified (UNLB) antibody
Specificity	Reacts with Human Fibronectin. Cross reactivity with other species has not been established.
Preparation and Storage	The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2- 8 degree C.
Molecular Weight	13,341 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (216225177..216300791, complement). Location: 2q34
3D Structure	ModBase 3D Structure for O95608
Characterization	To insure lot-to-lot consistency, each batch of product is tested to conform to characteristics of a standard reference reagent using ELISA.
Applications Tested/Suitable for anti-FN1 antibody	ELISA
Application Notes for anti-FN1 antibody	**ELISA Suggested Dilution:** 1:1,000-1:5,000
Related Product Information for anti-FN1 antibody	MBS673097 is an antibody targeting FN1. Also known as Mouse Anti-Human Fibronectin-UNLB. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-FN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FN1. It may not necessarily be applicable to this product.

NCBI GI #	553293
NCBI GeneID	2335
UniProt Primary Accession #	O95608
UniProt Related Accession #	O95608; O95617; P02751; Q14327; Q14328; Q53S27; Q564H7; Q59G22; Q5CZ99; Q68CX6
NCBI Official Full Name	fibronectin

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; DKFZp686H0342; DKFZp686I1370; DKFZp686F10164; DKFZp686O13149
UniProt Protein Name	Fibronectin
Protein Family	Fibronectin
UniProt Gene Name	FN1
UniProt Entry Name	O95608_HUMAN
NCBI Protein Information	fibronectin; OTTHUMP00000164053; OTTHUMP00000164054; OTTHUMP00000164055; OTTHUMP00000164056; OTTHUMP00000206760; OTTHUMP00000206762; OTTHUMP00000206763; OTTHUMP00000206765; OTTHUMP00000206766; OTTHUMP00000206767; cold-insoluble globulin; migration-stimulating factor
NCBI Summary for FN1	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined. [provided by RefSeq]
Research Articles on FN1	**1.** GALNT6-fibronectin pathway should be a critical component for breast cancer development and progression.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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