

Mouse anti-Human Fibronectin Monoclonal Antibody | anti-FN1 antibody

Fibronectin (8th Type III Repeat) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62832	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

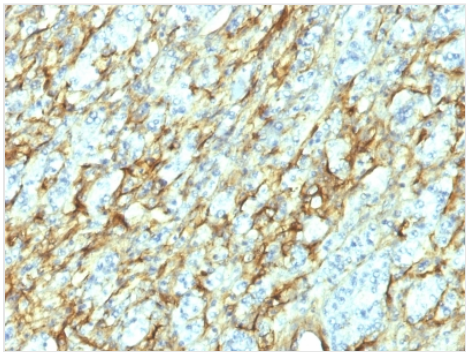
PRODUCT SYNONYMS

Fibronectin; Monoclonal Antibody; Fibronectin (8th Type III Repeat) Mouse 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
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	568
Specificity	Epitope of this MAb is located in the 8th type III repeat in the cell-binding region of fibronectin. Fibronectins are disulfide-linked, dimeric glycoproteins of ~440kDa. They possess at least four binding sites for collagen, glycosaminoglycans, transglutaminase, and a cell surface receptor. Fibronectins are 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 is excellent for staining of formalin-fixed, paraffin-embedded tissues.
Form/Format	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.
Sequence Length	2446
Applicable Applications for anti-FN1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Connective tissue matrix
Immunogen	High molecular weight proteins secreted by cultivated human fibroblasts
Hu-Chromosome Location	2q35
Positive Control	SW156 cells or Kidney
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Fibronectin
Monoclonal Antibody (568).

ADDITIONAL INFORMATION

References	Christensen, L., et al., APMIS, 98(7), 615-623 (1990). Christensen, L., et al., APMIS, suppl. 26, 1-39 (1992). Ljubimov AV et. al. Lab Investigation, 1995; 72:461-473
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807066342
NCBI GeneID	2335
NCBI Accession #	NP_001293058.1
NCBI GenBank Nucleotide #	NM_001306129.1
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 8
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
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.