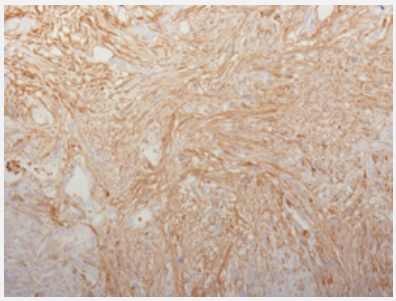
FN1 monoclonal antibody, clone HFN7.1

Catalog # MAB21192 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreatic cancer with FN1 monoclonal antibody, clone HFN7.1 (Cat # MAB21192).

Specification

Product Description	Mouse monoclonal antibody raised against human FN1.
Immunogen	Human fibronectin purified from serum by affinity chromatography on gelatin-sepharose.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreatic cancer with FN1 monoclonal antibody, clone HFN7.1 (Cat # MAB21192).

- Immunofluorescence

- Flow Cytometry

Gene Info — FN1

Entrez GeneID	2335
Protein Accession#	P02751
Gene Name	FN1
Gene Alias	CIG, DKFZp686F10164, DKFZp686H0342, DKFZp686I1370, DKFZp686O13149, ED-B, FINC, FN, FNZ, GFND, GFND2, LETS, MSF
Gene Description	fibronectin 1
Omim ID	135600
Gene Ontology	Hyperlink
Gene Summary	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 i n cell adhesion and migration processes including embryogenesis, wound healing, blood coagula tion, 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 var iants has not been determined. [provided by RefSeq
Other Designations	cold-insoluble globulin|migration-stimulating factor

Pathway

- ECM-receptor interaction
- Focal adhesion

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- Pathways in cancer
- Regulation of actin cytoskeleton
- Small cell lung cancer

Disease

- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Cleft Lip
- Cleft Palate
- Coronary Disease
- Cryoglobulinemia
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Lung Neoplasms
- Lymphoma
- Nephrolithiasis
- Obstetric Labor
- Ovarian Neoplasms

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- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Schizophrenia
- Thyroid Neoplasms

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