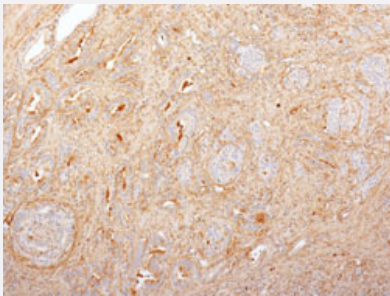


FN1 monoclonal antibody, clone 616

Catalog # MAB20980 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with FN1 monoclonal antibody, clone 616 (Cat # MAB20980).

Specification

Product Description	Mouse monoclonal antibody raised against human FN1.
Immunogen	High molecular weight proteins secreted by cultivated human fibroblasts.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 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.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with FN1 monoclonal antibody, clone 616 (Cat # MAB20980).

- 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 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]
Other Designations	cold-insoluble globulin migration-stimulating factor

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

- [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](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)