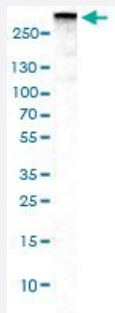


FN1 monoclonal antibody, clone CL3730

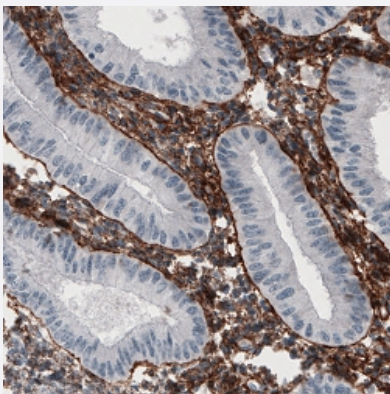
Catalog # MAB15688 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of U-87 MG cell lysate.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human endometrium shows strong immunoreactivity in endometrial stroma and basement membrane of glandular cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FN1.
Immunogen	Recombinant protein corresponding to human FN1.
Epitope	This antibody binds to an epitope located within the peptide sequence GRWKCDPVDQ as determined by overlapping synthetic peptides.
Sequence	HEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNRGGEWTCIAYSQRLRDQCIVDDITYNVND TFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHGVRYQCICYG RGIG

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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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](#)