

FN1 monoclonal antibody, clone DH1

Catalog # MAB5281 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native FN1.
Immunogen	Native purified human FN1 from A8387 fibrosarcoma cells.
Host	Mouse
Reactivity	Chicken, Guinea pig, Human, Rabbit, Rat
Specificity	This antibody is specific to extradomain A (EDA) sequence of a cellular fibronectin and recognizes th us only the cellular fibronectin. Clone DH1 has been shown to specifically block chondrocyte condens ation in chicken embryos. The monoclonal antibody DH1 recognizes only cellular form of Fibronectin.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (1% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

Gene Info — FN1

Entrez GeneID	2335
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

Publication Reference

- [Mesenchymal stem cell secretes immunologically active exosomes.](#)

Zhang B, Yin Y, Lai RC, Tan SS, Choo AB, Lim SK.

Stem Cells and Development 2014 Jun; 23(11):1233.

Application: WB, Human, MSC exosomes

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](#)