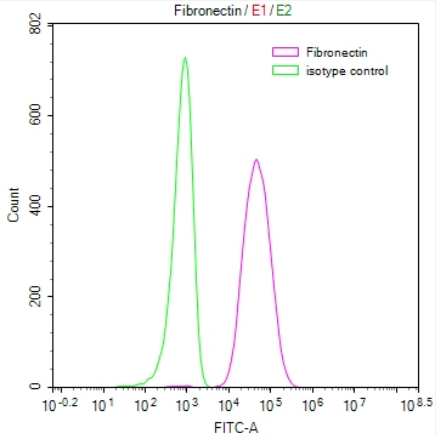
RecomAb™

FN1 recombinant monoclonal antibody, clone 25A1

Catalog # RAB07679 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing 3T3 cells stained with BDNF recombinant monoclonal antibody, clone 1A1 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FN1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human FN1.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Overlay Peak curve showing 3T3 cells stained with BDNF recombinant monoclonal antibody, clone 1A1 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

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

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- 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

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- Obstetric Labor
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Schizophrenia
- Thyroid Neoplasms

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