

**产品名称:** Flotillin-1(6C10)Mouse Monoclonal Antibody

**产品货号:** AMM11030

### 产品概述 (Summary)

|                   |   |
|-------------------|---|
| 描述(Description)   | Mouse monoclonal Antibody   |
| 宿主(Host)          | Mouse   |
| 应用(Application)   | WB  |
| 种属反应(Reactivity)  | Human,Mouse,Rat   |
| 偶联物(Conjugation)  | Unconjugated  |
| 修饰(Modification)  | Unmodified  |
| 同种型(Isotype)      | IgG   |
| 克隆(Clonality)     | Monoclonal  |
| 剂型(Form)          | Liquid  |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                        |
| 储存溶液(Buffer)      | PBS, pH 7.4, containing 0.5%protective protein, 0.02% New type preservative N as Preservative and 50% Glycerol. |
| 纯化 (Purification) | Affinity purification   |

### 产品应用(Application)

|                       |                  |
|-----------------------|------------------|
| 稀释比(Dilution Ratio)   | WB 1:1000-1:2000 |
| 分子量(Molecular Weight) | 49kDa            |

### 抗原信息(Antigen Information)

|                       |  |
|-----------------------|--|
| 基因名(Gene Name)        | FN1  |
| 别名(Alternative Names) | FN1; FN; Fibronectin; FN; Cold-insoluble globulin; CIG |
| 基因 ID(Gene ID)        | 2335.0   |
| SwissProt ID          | P02751   |
| 免疫原(Immunogen)        | Synthetic Peptide of Flotillin-1                       |

### 研究背景 (Background)

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. The encoded preproprotein is proteolytically processed to generate the mature protein. 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, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined. [provided by RefSeq, Jan 2016], alternative products: Additional isoforms seem to exist, developmental stage: Ugl-Y1, Ugl-Y2 and Ugl-Y3 are present in the urine from 0 to 17 years of age., disease: Defects in FN1 are the cause of glomerulopathy with fibronectin deposits type 2 (GFND2) [MIM:601894]; also known as familial glomerular nephritis with fibronectin deposits or fibronectin glomerulopathy. GFND is a genetically heterogeneous autosomal dominant disorder characterized clinically by proteinuria, microscopic hematuria, and hypertension that leads to end-stage renal failure in the second to fifth decade of life., function: Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Interaction with TNR mediates inhibition of cell adhesion and neurite outgrowth., online information: Fibronectin entry, PTM: Forms covalent cross-links mediated by a transglutaminase, such as F13A or TGM2, between a glutamine and the epsilon-amino group of a lysine residue, forming homopolymers and heteropolymers (e.g. fibrinogen-fibronectin, collagen-fibronectin heteropolymers), PTM: It is not known whether both or only one of Thr-2064 and Thr-2065 are/is glycosylated., PTM: Sulfated., similarity: Contains 12 fibronectin type-I domains., similarity: Contains 16 fibronectin type-III domains., similarity: Contains 2 fibronectin type-II domains., subunit: Mostly heterodimers or multimers of alternatively spliced variants, connected by 2 disulfide bonds near the carboxyl ends; to a lesser extent homodimers. Interacts with FBLN1, AMBP, TNR, LGALS3BP and COL13A1. Interacts with FBLN7., tissue specificity: Plasma FN (soluble dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. Ugl-Y1, Ugl-Y2 and Ugl-Y3 are found in urine.,

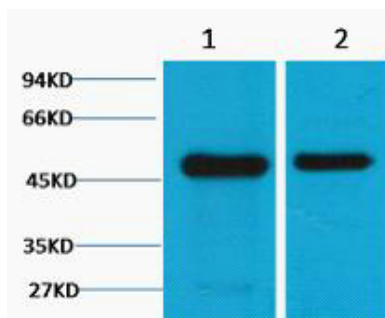
### 研究领域 (Research Area)

Focal adhesion; ECM-receptor interaction; Regulates Actin and Cytoskeleton; Pathways in cancer; Small cell lung cancer;

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain tissue, diluted at 1:2000.

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称   |
|-----------------------------|----------|--|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建   |
|                             | TS-0002  | 敲低稳转细胞系构建  |
|                             | TS-0003  | 敲除细胞系构建  |

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