

Product Name: Fibronectin (12V17) Rabbit Monoclonal Antibody
Catalog #: AMRe10973



Summary

| | |
|------------------------|--|
| Production Name | Fibronectin (12V17) Rabbit Monoclonal Antibody |
| Description | Rabbit Monoclonal Antibody |
| Host | Rabbit |
| Application | WB |
| Reactivity | Human,Mouse,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Purification | Affinity purification |

Immunogen

| | |
|--------------------------|--|
| Gene Name | FN1 |
| Alternative Names | CIG; Cold insoluble globulin; Fibronectin 1; FINC; FN; FN1; FNZ; GFND; GFND2; LETS; Migration stimulating factor; MSF; |
| Gene ID | 2335.0 |
| SwissProt ID | P02751. |

Application

| | |
|-------------------------|-----------------|
| Dilution Ratio | WB 1:500-1:2000 |
| Molecular Weight | 272kDa |

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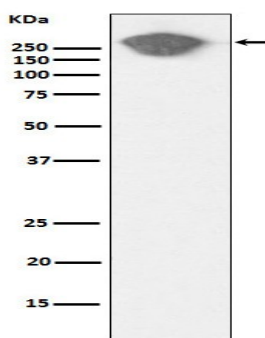


Background

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. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin (PubMed: [3024962](http://www.uniprot.org/citations/3024962), PubMed: [3900070](http://www.uniprot.org/citations/3900070), PubMed: [3593230](http://www.uniprot.org/citations/3593230), PubMed: [7989369](http://www.uniprot.org/citations/7989369)). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed: [3024962](http://www.uniprot.org/citations/3024962), PubMed: [3900070](http://www.uniprot.org/citations/3900070), PubMed: [3593230](http://www.uniprot.org/citations/3593230), PubMed: [7989369](http://www.uniprot.org/citations/7989369)). Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization (By similarity). Participates in the regulation of type I collagen deposition by osteoblasts (By similarity).

Research Area

Image Data



Western blot analysis of Fibronectin expression in Human serum cell lysate.

Note

For research use only.

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