

## anti-Human, Mouse Fibulin 5 Monoclonal Antibody | anti-FBLN5 antibody

Fibulin 5 Mouse Monoclonal

|                               |                                   |                                                                  |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA102799</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

Fibulin 5; Monoclonal Antibody; Fibulin 5 Mouse Monoclonal; ARMD3; DANCE; EVEC; FBLN5; FIBL 5; fibulin 5; FLJ90059; UP50; Urine p50 protein; anti-FBLN5 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse                                                                                                           |
| Clonality                                       | Monoclonal                                                                                                             |
| Isotype                                         | IgG2a                                                                                                                  |
| Specificity                                     | Human; Mouse; other species are not tested. Please decide the specificity by homology                                  |
| Purity/Purification                             | >=95% as determined by SDS-PAGE<br>Protein A+G purification                                                            |
| Form/Format                                     | Liquid                                                                                                                 |
| Sequence Length                                 | 448                                                                                                                    |
| Applicable Applications for anti-FBLN5 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                   |
| Immunogen                                       | Fibulin 5                                                                                                              |
| Host                                            | Rabbit                                                                                                                 |
| Preparation and Storage                         | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20 degree C for 24 months (Avoid repeated freeze / thaw cycles.) |

### IMAGES



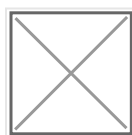
#### WB (Western Blot)

MCF7 cells were subjected to SDS PAGE followed by western blot with AAA102799 (FBLN5 antibody) at dilution of 1:500



#### IF (Immunofluorescence)

Immunofluorescent analysis of (-20 degree C Ethanol) fixed HeLa cells using AAA102799 (FBLN5 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart using AAA102799 (FBLN5 antibody) at dilution of 1:50

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FBLN5 antibody | Fibulin-5, also known as EVEC and DANCE, is an extracellular matrix glycoprotein, secreted by various cell types such as vascular smooth muscle cells, fibroblasts and endothelial cells. Structurally, Fibulin-5 contains an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cell through interaction of integrins and the RGD motif. FBLN5 mutations have been described in patients with age-related macular degeneration, as well as being involved in Charcot-Marie-Tooth neuropathies. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 19743803                                                |
| NCBI GeneID                      | 10516                                                   |
| NCBI Accession #                 | NP_006320.2                                             |
| NCBI GenBank Nucleotide #        | NM_006329.3                                             |
| UniProt Accession #              | Q9UBX5; O75966; Q6IAL4; Q6UWA3                          |
| Molecular Weight                 | 50kDa                                                   |
| NCBI Official Full Name          | fibulin-5                                               |
| NCBI Official Synonym Full Names | fibulin 5                                               |
| NCBI Official Symbol             | FBLN5                                                   |
| NCBI Official Synonym Symbols    | EVEC; UP50; ADCL2; ARMD3; DANCE; ARCL1A; FIBL-5; HNARMD |
| NCBI Protein Information         | fibulin-5                                               |
| UniProt Protein Name             | Fibulin-5                                               |
| UniProt Gene Name                | <b>FBLN5</b>                                            |
| UniProt Synonym Gene Names       | DANCE; FIBL-5; Dance; UP50                              |
| UniProt Entry Name               | FBLN5_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fibulin-5-antibody-immunohistochemistry-western-blot-elisa/102799>