

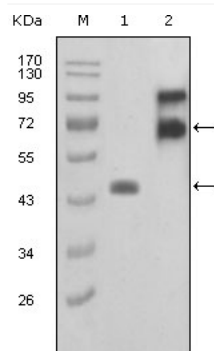


# Fibulin-2 Monoclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-16834                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                 | FBLN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Name</b>              | Fibulin-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                 | Purified recombinant fragment of Fibulin-2 (aa180-440) expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>               | Fibulin-2 Monoclonal Antibody detects endogenous levels of Fibulin-2 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b>               | Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                    | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>              | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Dilution</b>                  | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>                  | FBLN2; Fibulin-2; FIBL-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cell Pathway</b>              | Secreted, extracellular space, extracellular matrix.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>        | Component of both basement membranes and other connective tissues. Expressed in heart, placenta and ovary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>                  | developmental stage: Widely expressed during embryonic development. Primarily detected within the neuropithelium, spinal ganglia and peripheral nerves., function: Its binding to fibronectin and some other ligands is calcium dependent., similarity: Belongs to the fibulin family., similarity: Contains 11 EGF-like domains., similarity: Contains 3 anaphylatoxin-like domains., subunit: Homotrimer; disulfide-linked. Interacts with LAMA2., tissue specificity: Component of both basement membranes and other connective tissues. Expressed in heart, placenta and ovary., |
| <b>Background</b>                | This gene encodes an extracellular matrix protein, which belongs to the fibulin family. This protein binds various extracellular ligands and calcium. It may play a role during organ development, in particular, during the differentiation of heart, skeletal and neuronal structures. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],                                                                                                                                                                 |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis using Fibulin-2 Monoclonal Antibody against truncated FBLN2-Trx recombinant protein (1) and truncated FBLN2 (aa28-444)-hIgGfc transfected COS7 cell lysate(2).