

FMOD Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9243b**Specification**

FMOD Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q06828](#)**FMOD Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2331**Other Names**

Fibromodulin, FM, Collagen-binding 59 kDa protein, Keratan sulfate proteoglycan fibromodulin, KSPG fibromodulin, FMOD, FM, SLRR2E

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9243b](/products/AP9243b) was selected from the C-term region of human FMOD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FMOD Antibody (C-term) Blocking Peptide - Protein Information**Name** FMOD**Synonyms** FM, SLRR2E**Function**

Affects the rate of fibrils formation. May have a primary role in collagen fibrillogenesis (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix

FMOD Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

FMOD Antibody (C-term) Blocking Peptide - Images

FMOD Antibody (C-term) Blocking Peptide - Background

Fibromodulin is a member of a family of small interstitial proteoglycans, containing a central region composed of leucine-rich repeats with 4 keratan sulfate chains flanked by disulfide-bonded terminal domains. It may participate in the assembly of the extracellular matrix as it interacts with type I and type II collagen fibrils and inhibits fibrillogenesis in vitro. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix.

FMOD Antibody (C-term) Blocking Peptide - References

Ehret, G.B., et.al, Eur. J. Hum. Genet. 17 (12), 1650-1657 (2009) Tillgren, V., et.al, J. Biol. Chem. 284 (42), 28543-28553 (2009)