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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Fibromodulin/FMOD Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A05030-1-Fluoro488

About FMOD

Fibromodulin belongs to the family of small interstitial proteoglycans. The encoded protein possesses a central region containing leucine-rich repeats with 4 keratan sulfate chains, flanked by terminal domains containing disulphide bonds. Owing to the interaction with type I and type II collagen fibrils and in vitro inhibition of fibrillogenesis, the encoded protein may play a role in the assembly of extracellular matrix. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. Sequence variations in this gene may be associated with the pathogenesis of high myopia. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-Fibromodulin/FMOD Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q06828

Technical Details

Immunogen	E.coli-derived human Fibromodulin/FMOD recombinant protein (Position: Q19-I376). Human Fibromodulin/FMOD shares 93.3% amino acid (aa) sequence identity with both mouse and rat Fibromodulin/FMOD.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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For Research Use Only. Not for use in diagnostic procedures.