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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Myf5 Antibody Picoband® Biotin Conjugated

Catalog Number: A04040-1-Biotin

About MYF5

Myogenic factor 5 is a protein that in humans is encoded by the MYF5 gene. It is a protein with a key role in regulating muscle differentiation or myogenesis, specifically the development of skeletal muscle. Myf5 belongs to a family of proteins known as myogenic regulatory factors (MRFs). This transcription factor is the earliest of all MRFs to be expressed in the embryo, where it is only markedly expressed for a few days (specifically around 8 days post-somite formation and lasting until day 14 post-somite in mice). It functions during that time to commit myogenic precursor cells to become skeletal muscle. In fact, its expression in proliferating myoblasts has led to its classification as a determination factor. Furthermore, Myf5 is a master regulator of muscle development, possessing the ability to induce a muscle phenotype upon its forced expression in fibroblastic cells.

Overview

Product Name	Anti-Myf5 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
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.
Host	Rabbit
Uniprot ID	P13349

Technical Details

Immunogen	E. coli-derived human Myf5 recombinant protein (Position: E25-Y146).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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Anti-Myf5 Antibody - Biotin

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