FNDC5 Antibody [clone 1736CT532.85.53.92] (F53982)

Catalog No.	Formulation	Size
F53982-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53982-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1736CT532.85.53.92
Purity	Protein G affinity chromatography
UniProt	Q8NAU1
Applications	Western blot: 1:1000-2000
Limitations	This FNDC5 antibody is available for research use only.



Western blot testing of human skeletal muscle lysate with FNDC5 antibody at 1:2000. Predicted molecular weight: 23 kDa.

Description

Irisin, also called Fibronectin type III domain-containing protein 5, is a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms.

Application Notes

Titration of the FNDC5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A partial recombinant protein corresponding to amino acids 12-152 from the human protein was used as the immunogen for the FNDC5 antibody.

Storage

Aliquot the FNDC5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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