

## 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

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	1736CT532.85.53.92
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q8NAU1
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	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.