

FNDC5 monoclonal antibody

Catalog: MB67152

Host: Mouse

Reactivity: Human

BackGround:

Fibronectins are multi-domain glycoproteins that bind to a variety of substances including collagen, Actin, heparin, DNA, fibrin and Fibronectin receptors. They are involved in a diverse array of important functions such as blood coagulation, wound healing, cell adhesion, cell differentiation and migration. FNDC5 (Fibronectin type III domain containing 5), also known as FRCP2, is a 196 amino acid single-pass type I membrane protein that is imported in peroxisomes through the Peroxin 5 receptor pathway. Existing as four alternatively spliced isoforms, FNDC5 is encoded by a gene located on human chromosome 1p35.1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

Q8NAU1

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FNDC5 protein.

DATA:



Western blot analysis of FNDC5 expression in human skeletal muscle
(A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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