

PBEF1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4046
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of PBEF1 (aa338-479) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	VF;PBEF;PBEF1;VISFATIN;NAMPT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PBEF1: nicotinamide phosphoribosyltransferase. This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

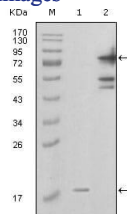
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using PBEF1 mouse mAb against truncated PBEF1-His recombinant protein (1) and full-length GFP-PBEF1(aa1-491) transfected COS7 cell lysate (2).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.