

## Mouse Monoclonal Antibody to PBEF1

<b>Catalogue Number</b>	sAP-0157
<b>Target Molecule</b>	<p><b>Name:</b> PBEF1</p> <p><b>Aliases:</b> VF; PBEF; PBEF1; VISFATIN; NAMPT</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 10135</p>
<b>Description</b>	<p>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.</p>
<b>Immunogen</b>	Purified recombinant fragment of PBEF1 (aa338-479) expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM1D3A12;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Mol Cell Biol. 1994 Feb;14(2):1431-7. ; 2. Eur J Immunol. 2002 Nov;32(11):3225-34.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**