

Product datasheet for **AM09041PU-N**

Visfatin (NAMPT) Mouse Monoclonal Antibody [Clone ID: 4D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4D5
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western blot: 1/1,000-1/2,000. This Monoclonal antibody has been reported to work in Immunohistochemistry on Paraffin Sections. Immunofluorescence.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human Visfatin (1-491 aa) purified from E. coli
Specificity:	The antibody recognizes Human Visfatin (pre-B cell colony-enhancing factor 1). Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nicotinamide phosphoribosyltransferase
Database Link:	Entrez Gene 10135 Human P43490



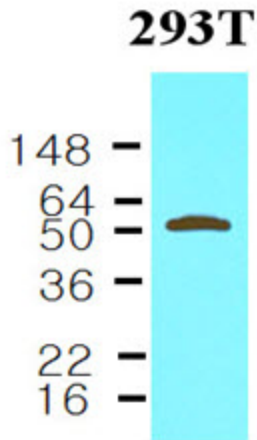
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Background:

Visfatin is pre-B cell colony-enhancing factor 1 (PBEF), which is predominantly secreted from visceral adipose tissue both in humans and mice. This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis, or a visceral-fat derived hormone that acts by binding and activating the insulin receptor.

Synonyms:

NAmPRTase, PBEF, PBEF1

Product images:

Western blot analysis: Cell lysates of 293T (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Visfatin (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.