

Anti-Visfatin/NAMPT Antibody Picoband® APC Conjugated

Catalog Number: PB10009-APC

About NAMPT

Nicotinamide phosphoribosyltransferase (NAMPTase or Nampt), also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin, is an enzyme that in humans is encoded by the PBEF1 gene. 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 belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10.

Overview

Product Name	Anti-Visfatin/NAMPT Antibody Picoband® APC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, IHC-F, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P43490

Technical Details

Immunogen	E. coli-derived human Visfatin recombinant protein (Position: L62-N337). Human Visfatin shares 97.1% and 96.7% amino acid (aa) sequence identity with mouse and rat Visfatin, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-Visfatin/NAMPT Antibody - APC

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