

NAMPT antibody

Product Information

Catalog No.:	FNab09847
Size:	100µg
Form:	liquid
Purification:	protein A+G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2G6
IsoType:	IgG2b
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Nicotinamide phosphoribosyltransferase(NAMPT) has two usual synonyms termed Visfatin and PBEF. Its primary role is to catalyze the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD, which is the rate limiting component in the mammalian NAD biosynthesis pathway. NAMPT is localized in cytoplasm and expressed in large amounts in bone marrow, liver tissue, and muscle tissues. NAMPT inhibits neutrophil apoptosis in experimental inflammation and clinical sepsis. NAMPT levels are altered in plasma of patients with type 2 diabetes mellitus(T2DM), and it is now evidenced that NAMPT may plays a role in lipid metabolism.

Immunogen information

Immunogen:	nicotinamide phosphoribosyltransferase
Synonyms:	Nicotinamide phosphoribosyltransferase (NAmPRTase, Nampt) Pre-B-cell colony-enhancing factor 1 (Pre-B cell-enhancing factor) Visfatin NAMPT PBEF PBEF1
Observed MW:	52 kDa
Uniprot ID :	P43490

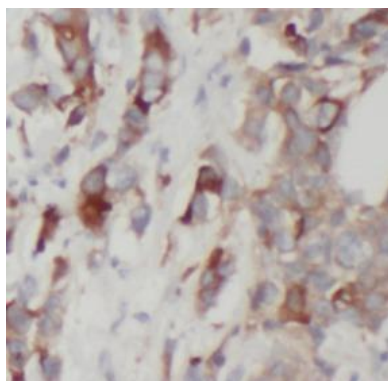
Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

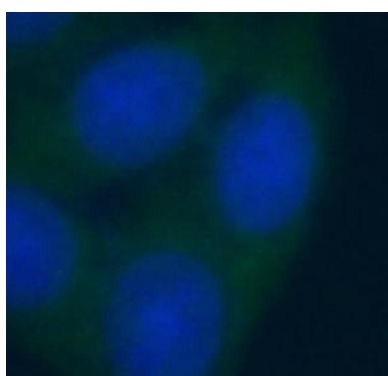
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:1000-1:4000; IHC: 1:50-1:500; IF: 1:50-1:500

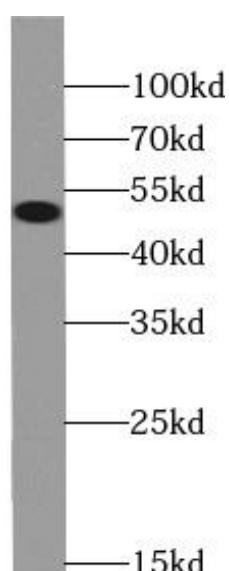
Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab09847(Visfatin antibody) at dilution of 1:200



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FNab09847(Visfatin antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L)



rat heart tissue were subjected to SDS PAGE followed by western blot with FNab09847(Visfatin antibody) at dilution of 1:2000