

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NAMPT/PBEF



Numéro de catalogue: 66385-1-Ig

Phare

3 Publications

## Informations de base

Numéro de catalogue:	66385-1-Ig	Numéro d'acquisition GenBank:	BC020691	Méthode de purification:	Purification par protéine A
Taille:	150ul , Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	10135	CloneNo.:	3D4D8
Hôte:	Mouse	Nom complet:	nicotinamide phosphoribosyltransferase	Dilutions recommandées:	WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:50-1:500
Isotype:	IgG2b	MW calculé	52 kDa		
Immunogen Catalog Number:	AG2434	MW observés:	52 kDa		

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules LNCaP, cellules HCT 116, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules HT-29, cellules Jurkat, cellules K-562, cellules MCF-7, cellules MOLT-4, cellules Neuro-2a, cellules NIH/3T3, cellules PC-12, cellules PC-3, tissu cardiaque de rat, tissu cardiaque humain, tissu de muscle squelettique de souris, tissu de muscle squelettique humain

IHC : tissu de cancer du sein humain,

IF : cellules HeLa,

## Informations générales

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 play a role in lipid metabolism.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jing-Hua Pan	30191976	J Cell Physiol	WB, IHC
Xiaotong Zhu	36323324	Cell Chem Biol	WB
Yuetong Wang	34380043	Cell Rep	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

\*\*\* Les 20ul contiennent 0,1% de BSA.

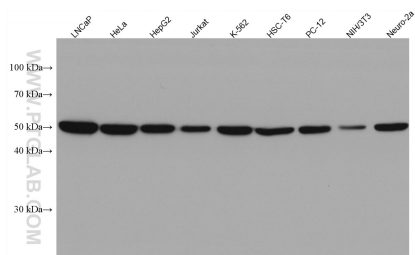
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

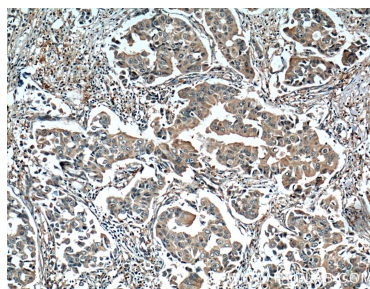
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

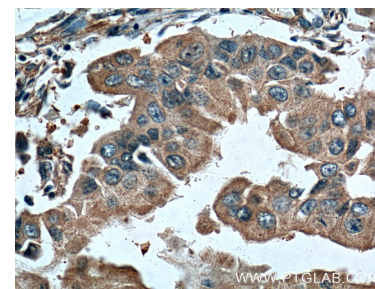
## Données de validation sélectionnées



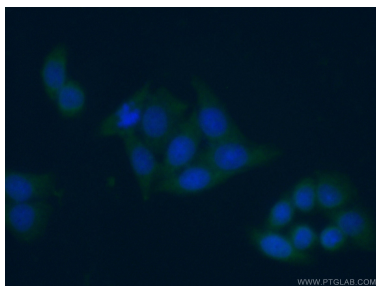
Various lysates were subjected to SDS PAGE followed by western blot with 66385-1-Ig (NAMPT/PBEF antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66385-1-Ig (NAMPT/PBEF antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66385-1-Ig (NAMPT/PBEF antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol ) fixed HeLa cells using 66385-1-Ig(NAMPT/PBEF antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).