

# Recombinant Nampt Monoclonal Antibody

Catalog Number:E-AB-81515



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

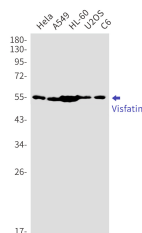
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	A synthetic peptide of human Visfatin
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R05-4C4
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

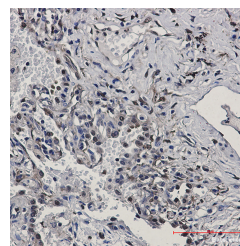
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:100

## Data



Western blot detection of Visfatin in HeLa,A549,HL-60,U2OS,C6 cell lysates using Visfatin Rabbit mAb(1:1000 diluted).Predicted band size:56kDa.Observed band size:56kDa.

**Observed Mw:56kDa**  
**Calculated Mw:56kDa**



Immunohistochemistry of Visfatin in paraffin-embedded Human lung cancer tissue using Visfatin Rabbit mAb at dilution 1:50

## Preparation & Storage

**Storage** Store at -20°C. Avoid 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.

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