

Recombinant Nampt Monoclonal Antibody

Catalog Number:E-AB-81515



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

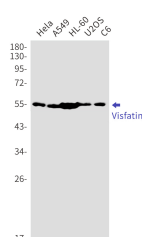
Description

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

Applications Recommended Dilution

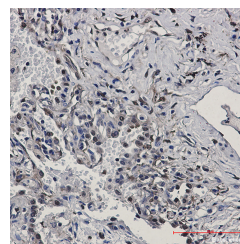
WB	1:500-1:1000
IHC	1:50-1:100

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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