Recombinant Nampt Monoclonal Antibody

catalog number: **E-AB-81515**

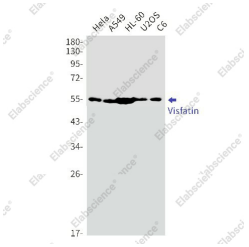
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Visfatin
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123301
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

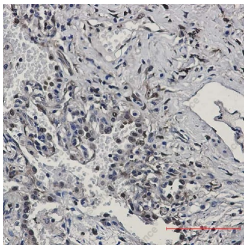
Data



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:56 kDa

Calculated-MW:56 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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