

Monoclonal Antibody to Visfatin

Cat. #: Mab-606024 (0.1mg)

Description:

Visfatin, a newly identified adipocytokine, which is predominantly secreted from visceral adipose tissue both in humans and mice. Visfatin corresponds to a protein identified previously as pre-B cell colony-enhancing factor (PBEF). Visfatin exerted insulin-mimetic effects in cultured cells, various insulin-sensitive tissues such as liver, muscle, and fat, and lowered plasma glucose levels in mice. Mice heterozygous for a targeted mutation in the visfatin gene had modestly higher levels of plasma glucose relative to wild-type littermates. visfatin binds to and activates the insulin receptor. Which may lead to new insights into glucose homeostasis and/or new therapies for metabolic disorders such as diabetes.

Immunogen/Specificity:

Ni-NTA purified truncated recombinant Visfatin expressed in E. Coli strain BL21 (DE3)

Applications :

Western Blot: Dilution 1: 2,00- 1: 1,000

ELISA: Propose dilution 1: 10,000.

Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography.

Reference:

1.Jin S et.al

J Biol Chem. 2005 Jul 1;280(26):24698-705.

2.Antignani A,et.al

Biochemistry. 2005 Mar 15;44(10):4074-82.

Clone Number: 4E11C9

Isotype: IgG1

Species: Human

Storage and Stability: stored at -20 C

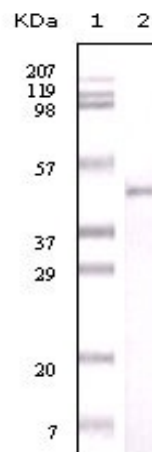


Figure 1: Western blot analysis using anti- human Visfatin monoclonal antibody against truncated Visfatin recombinant protein.