

Mouse anti-Human Visfatin Monoclonal Antibody | anti-NAMPT antibody

Visfatin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48013	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Visfatin; Monoclonal Antibody; Visfatin antibody; Nicotinamide phosphoribosyltransferase precursor; Pre-B-cell colony-enhancing factor 1; NAMPT; MGC117256; PBEF; PBEF1; VF; pre-B-cell colony enhancing factor 1; ; anti-NAMPT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	4D5
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	491
Applicable Applications for anti-NAMPT antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human Visfatin (1-491aa) purified from E. coli
Clone Note	Anti-human Visfatin mAb, clone 4D5, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Visfatin protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of Visfatin in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human Visfatin antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Visfatin (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : 293T cell lysate (30ug)
The cell lysates were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Visfatin (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : SW480 cell lysate (40ug)

ADDITIONAL INFORMATION

Related Product Information for anti-NAMPT antibody	Visfatin is pre-B cell colony-enhancing factor 1 (PBEF), which is predominantly secreted from visceral adipose tissue both in humans and mice. This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis, or a visceral-fat derived hormone that acts by binding and activating the insulin receptor.
Product Categories/Family for anti-NAMPT antibody	Hormones & Cytokines
References	Stephens JM, et al., (2006) Curr Opin Lipidol. 17:128-31; Hug C, et al., (2005) Science. 307:366-367

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031977
NCBI GeneID	10135
NCBI Accession #	NP_005737
NCBI GenBank Nucleotide #	NM_005746.2
UniProt Accession #	P43490; Q3KQV0; Q8WW95; A4D0Q9; A4D0R0
Molecular Weight	55,521 Da
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	NAMPT
NCBI Official Synonym Symbols	VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	NAMPT
UniProt Synonym Gene Names	PBEF; PBEF1; NAMPTase; Nampt; Pre-B cell-enhancing factor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/visfatin-antibody-clone-4d5-immunofluorescence-immunocytochemistry-western-blot-elisa/48013>