

Datasheet: MCA4632GA

Description:	MOUSE ANTI HUMAN VISFATIN
Specificity:	VISFATIN
Other names:	NAMPT
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4D5
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Immunoprecipitation			■	
Western Blotting	■			1/1000 - 1/3000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G ascities
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 10% Glycerol
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant human visfatin (amino acids 1-491) purified from <i>Escherichia coli</i> .
External Database Links	UniProt:

Entrez Gene:

[10135](#) NAMPT [Related reagents](#)

Synonyms	PBEF, PBEF1
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the mouse FO myeloma cell line.
Specificity	Mouse anti Human Visfatin, clone 4D5 recognizes human Visfatin, a putative cytokine originally identified as PBEF (Pre-B cell-enhancing factor), subsequently determined to be a nicotinamide phosphoribosyltransferase (NAMPT) enzyme and member of the NAPRTase family, involved in catalyzing the biosynthesis of NAD from nicotinamide. Visfatin is highly expressed in bone marrow, muscle and liver tissue and increases in expression in response to endotoxin, in amniotic epithelial cells following lipopolysaccharide (LPS) stimulation, and during the activation of T and B cells, dendritic cells and macrophages, suggesting a role in inflammatory processes.
Western Blotting	MCA4632GA detects a band of approximately 56 kDa in 293T cell lysates.
References	1. Buldak, R.J. <i>et al.</i> (2014) Changes in subcellular localization of visfatin in human colorectal HCT-116 carcinoma cell line after cytochalasin B treatment. Eur J Histochem. 58 (3): 2408.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Human Anti Mouse IgG1 (HCA036...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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