

Anti human PTX3 mouse monoclonal antibody

Pentraxin 3

Code No	PP-PPZ1228-00
Clone No.	PPZ1228
Lot.	A-3
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2b
Description	Pentraxins are a superfamily of conserved proteins characterized by the pentraxin domain. CRP and SAP are recognized as classical short pentraxins, whereas Pentraxin3(PTX3) belongs to the long pentraxins. CRP and SAP are induced in the liver in response to IL-6. In contrast, PTX3 is produced by a variety of tissues and cells, such as vascular endothelial cells, macrophages, and neutrophils, predominantly in response to proinflammatory signals (bacterial products, IL-1, and TNF).
Genbank	BC039733
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a mouse immunized with recombinant human PTX3 (18-381 aa).
Epitope	-
Specificity	This antibody specifically recognizes human PTX3. Not yet tested in other species.
Purification	Ammonium sulfate fractionation.
Formulation	Physiological saline with 0.1% NaN ₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1 ug/mL

Non reducing Western Blot 1 ug/mL

ELISA Decide by use

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Decide by use



Human Adipocyte

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference Imamura M, *et al.* Cell Immunol. 2007; 248(2):86-94.
Savchenko A, *et al.* J Pathol. May 2008;215(1):48-55.

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN

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Distributed by

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