

Anti human PTX3 mouse monoclonal antibody

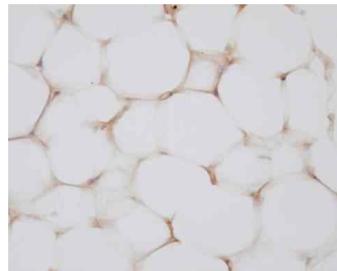
Pentraxin 3

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, <i>et al.</i> Cell Immunol. 2007; 248(2):86-94. Savchenko A, <i>et al.</i> 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.

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July 1, 2023