

Anti human PTX3 mouse monoclonal antibody

Pentraxin 3

Code No	PP-PPJ0069-00	Application / Recommended Concentration	In order to obtain the best results, optimal working dilutions should be determined by each individual user.
Clone No.	PPJ0069	Western Blot	1 ug/mL
Lot.	A-1	Non reducing Western Blot	Not yet tested
Concentration	1 mg/mL	ELISA	0.3 ug/mL
Volume	100 uL	Immunoprecipitation	Not yet tested
Ig Class	G2a	Supershift Assay	Not yet tested
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).	Chromatin immunoprecipitation	Not yet tested
Genbank	BC039733	Immunohistochemistry	Not yet tested
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with E.coli-expressed recombinant human PTX3(18-178 aa).	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.
Epitope	-	Reference	
Specificity	This antibody specifically recognizes human PTX3. Not yet tested in other species.	Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
Purification	Ammonium sulfate fractionation		
Formulation	Physiological saline with 0.1% NaN ₃ as a preservative.		

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