

Anti human PTX3 mouse monoclonal antibody

Pentraxin 3

Code No PP-PPZ1723-00

Clone No. PPZ1723

Lot. A-2

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 18-79 a.a.

Specificity This antibody specifically recognizes human PTX3. Not yet tested in other species.

Purification Ammonium sulfate fractionation.

Formulation Physiological saline with 0.1% NaN₃ 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 Not yet tested

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Not yet tested

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

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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MADE IN JAPAN

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