

# Anti human PTX3 mouse monoclonal antibody

Pentraxin 3

|                      |   |
|----------------------|---|
| <b>Code No</b>       | PP-PPZ1724-00   |
| <b>Clone No.</b>     | PPZ1724   |
| <b>Lot.</b>          | A-2   |
| <b>Concentration</b> | 1 mg/mL   |
| <b>Volume</b>        | 100 uL  |
| <b>Ig Class</b>      | G2a   |
| <b>Description</b>   | 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). |
| <b>Genbank</b>       | BC039733  |
| <b>Origin</b>        | 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).  |
| <b>Epitope</b>       | 18-79 a.a.  |
| <b>Specificity</b>   | This antibody specifically recognizes human PTX3. Not yet tested in other species.  |
| <b>Purification</b>  | Ammonium sulfate fractionation.   |
| <b>Formulation</b>   | Physiological saline with 0.1% NaN <sub>3</sub> 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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