



# Ptx3 Monoclonal Antibody

Catalog No	BYmab-15958
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PTX3
Protein Name	Pentraxin-related protein PTX3
Immunogen	The antiserum was produced against synthesized peptide derived from human PTX3. AA range:1-50
Specificity	Ptx3 Monoclonal Antibody detects endogenous levels of Ptx3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PTX3; TNFAIP5; TSG14; Pentraxin-related protein PTX3; Pentraxin-related protein PTX3; Tumor necrosis factor alpha-induced protein 5; TNF alpha-induced protein 5; Tumor necrosis factor-inducible gene 14 protein; TSG-14
Observed Band	40kD
Cell Pathway	Secreted.
Tissue Specificity	Brain,Endothelial cell,Foreskin,
Function	function:Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.,induction:By interleukin-1 beta and TNF-alpha.,PTM:Glycosylated.,similarity:Contains 1 pentaxin domain.,subunit:Homooctamer; disulfide-linked. Binds to C1q.,
Background	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial

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cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions. [provided by RefSeq, Jun 2016],

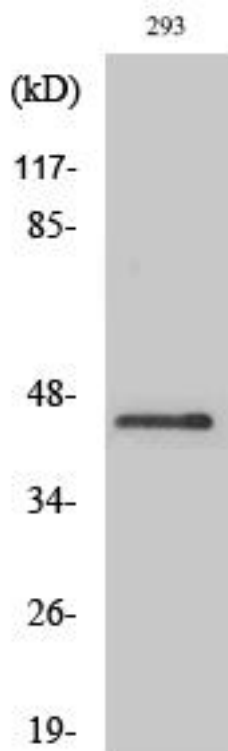
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Ptx3 Monoclonal Antibody