



Ptx3 Monoclonal Antibody

Catalog No	YP-mAb-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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PTX3; TNFAIP5; TSG14; Pentraxin-related protein PTX3; Pentaxin-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 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],



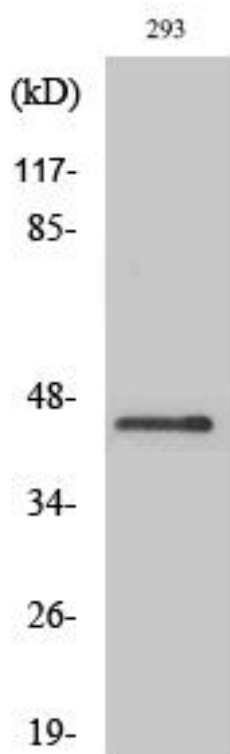
matters needing attention

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