

ARG67273 anti-Pentraxin 3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody recognizes Pentraxin 3
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Target Name	Pentraxin 3
Species	Human
Immunogen	Synthetic peptide within a.a. 1-50 of human Pentraxin 3.
Conjugation	Un-conjugated
Alternate Names	PTX3; Pentraxin 3; TNFAIP5; TSG-14; Tumor necrosis factor alpha-induced protein 5; Pentaxin-related protein PTX3; Pentraxin-related protein PTX3; Tumor necrosis factor-inducible gene 14 protein; TNF alpha-induced protein 5

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

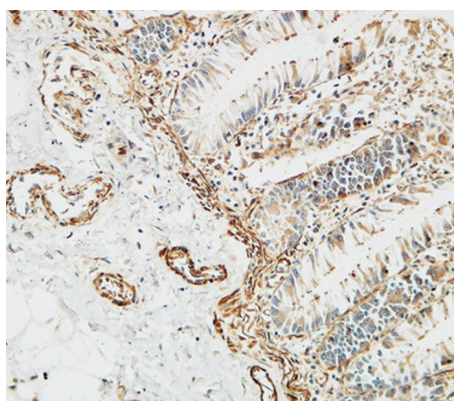
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 0.02% sodium azide, 50% glycerol, 0.5% BSA
Preservative	0.02% sodium azide
Stabilizer	50% glycerol, 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

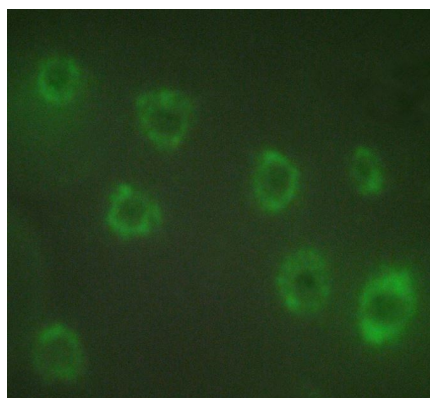
Gene Symbol	PTX3
Gene Full Name	Pentraxin 3
Background	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and 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]
Function	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. [UniProt]
Calculated Mw	42 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



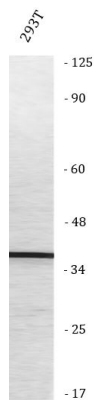
ARG67273 anti-Pentraxin 3 antibody IHC-P image

Immunohistochemistry: Human colon stained with ARG67273 anti-Pentraxin 3 antibody at 1:100 dilution.



ARG67273 anti-Pentraxin 3 antibody ICC/IF image

Immunofluorescence: HUVEC stained with ARG67273 anti-Pentraxin 3 antibody.



ARG67273 anti-Pentraxin 3 antibody WB image

Western blot: 293T stained with ARG67273 anti-Pentraxin 3 antibody.