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anti-Prostacyclin Receptor antibody (AA 101-200) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	Prostacyclin Receptor (PTGIR)	
Binding Specificity:	AA 101-200	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Prostacyclin Receptor antibody is conjugated to AbBy Fluor® 350	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Prostaglandin I2 Receptor
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Prostacyclin Receptor (PTGIR)
Alternative Name:	Prostaglandin I2 Receptor (PTGIR Products)

Target Details

Background:	Synonyms: IP, PGI receptor, PGI2 receptor, PI2R_HUMAN, PRIPR, Prostacyclin receptor,	
	Prostaglandin I2 receptor, Prostanoid IP receptor, PTGIR.	
	Background: Cyclooxygenases metabolize arachidonate to five primary prostanoids: PGE2,	
	PGF2?, PGI2, TXA2 and PGD2. These lipid mediators interact with specific members of G	
	protein-coupled prostanoid receptors, designated EP, FP, IP, TP and DP, respectively. The IP	
	Receptor binds prostacyclin, PGI2, the main pro-stanoid synthesized by vascular tissues. Upon	
	binding to the IP Receptor, prostacyclin activates adenylate cyclase primarily through the Gas	
	protein. The gene encoding the human IP Receptor is located on chromosome 19. It is	
	expressed as a glycosylated and phosphorylated protein, which is abundantly expressed in	
	vascular tissues such as aorta, lung, atrium and ventricle, as well as in kidney, thymus, spleen	
	and neurons.	
Pathways:	cAMP Metabolic Process, Platelet-derived growth Factor Receptor Signaling, Thromboxane A2	
	Receptor Signaling	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	