

Immunotag™ PTGES3 Antibody

Antibody Specification	
Catalog No.	ITA7338
Product Description	Immunotag™ PTGES3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PTGES3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PTGES3
Specificity	PTGES3 Antibody detects endogenous levels of total PTGES3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PTGES3
Accession No.	Q15185
Alternate Names	Co chaperone p23; cPGES; Cytosolic prostaglandin E synthase; Cytosolic prostaglandin E2 synthase; Hsp90 co chaperone; Hsp90 co-chaperone; P23; Progesterone receptor complex; Progesterone receptor complex p23; Prostaglandin E synthase 3 (cytosolic); Prostaglandin E synthase 3; PTGES 3; PTGES3; Sid 3177; TEBP; TEBP_HUMAN; Telomerase binding protein p23; Telomerase-binding protein p23; Unactive progesterone receptor 23 kD;

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Description	Cytosolic prostaglandin synthase that catalyzes the oxidoreduction of prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2) (PubMed:10922363). Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes (PubMed:11274138, PubMed:12077419). Facilitates HIF alpha proteins hydroxylation via interaction with EGLN1/PHD2, leading to recruit EGLN1/PHD2 to the HSP90 pathway (PubMed:24711448).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	19kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.