

# Immunotag™ PTGER2 Antibody

Antibody Specification	
Catalog No.	ITA7182
Product Description	Immunotag™ PTGER2 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	PTGER2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PTGER2
Specificity	PTGER2 Antibody detects endogenous levels of total PTGER2
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	PTGER2
Accession No.	P43116
Alternate Names	EP2; PE2R2_HUMAN; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; Prostaglandin E receptor 2 EP2 subtype; Prostaglandin E receptor 2 subtype EP2 53kDa; Prostaglandin E receptor 2 subtype EP2; Prostaglandin E2 receptor; Prostaglandin E2 receptor EP2 subtype; Prostanoid EP2 receptor; Ptger2;
Description	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.

## Antibody Specification

Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	40kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.