G-Biosciences Image not found or type unknown

Immunotag™ PTGDS2 Antibody

Antibody Specification

Catalog No.	ITA9275
Product Description	Immunotag™ PTGDS2 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	PTGDS2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PTGDS2
Specificity	PTGDS2 Antibody detects endogenous levels of total PTGDS2
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	HPGDS
Accession No.	O60760
Alternate Names	Cerebrin 28; Glutathione dependent PGD synthetase; Glutathione S-transferase; Glutathione-dependent PGD synthase; Glutathione-requiring prostaglandin D synthase; GST class-sigma; H PGDS; H-PGDS; Haematopoietic prostaglandin D synthase; Haematopoietic prostaglandin D2 synthase; Hematopoietic prostaglandin D synthase; Hpgds; HPGDS_HUMAN; Prostaglandin D synthase; Prostaglandin D2 synthase hematopoietic; Prostaglandin H2 D isomerase; Prostaglandin-H2 D-isomerase; PTGDS2;

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Description	Bifunctional enzyme which catalyzes both the conversion of PGH2 to PGD2, a prostaglandin involved in smooth muscle contraction/relaxation and a potent inhibitor of platelet aggregation, and the conjugation of glutathione with a wide range of aryl halides and organic isothiocyanates. Also exhibits low glutathione-peroxidase activity towards cumene hydroperoxide.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	23 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.