G-Biosciences Image not found or type unknown

Immunotag™ PSG3 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3880
Product Description	Immunotag™ PSG3 Polyclonal Antibody
Size	50 µg, 100 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	PSG3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human PSG3.
Specificity	PSG3 Polyclonal Antibody detects endogenous levels of PSG3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PSG3
Accession No.	Q16557
Alternate Names	PSG3; Pregnancy-specific beta-1-glycoprotein 3; PS-beta-G-3; PSBG-3; Pregnancy-specific glycoprotein 3; Carcinoembryonic antigen SG5

Antibody Specification

Description	pregnancy specific beta-1-glycoprotein 3(PSG3) Homo sapiens The human pregnancy-specific glycoproteins (PSGs) are a family of proteins that are synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily of genes. Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains. Most PSGs have an arg-gly-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain (summary by Teglund et al., 1994 [PubMed 7851896]). For additional general information about the PSG gene family, see PSG1 (MIM
Protein Expression	Colon,Placenta,Testis,
Subcellular Localization	extracellular region,
Protein Function	developmental stage:PSBG are produced in high quantity during pregnancy.,similarity:Belongs to the immunoglobulin superfamily. CEA family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.