

For Research Use Only

PSG1 Monoclonal antibody

Catalog Number: 67269-1-Ig



Basic Information

Catalog Number: 67269-1-Ig	GenBank Accession Number: BC022338	Purification Method: Protein G purification
Size: 150ul , Concentration: 1600 ug/ml by 5669 Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5669	CloneNo.: 1C6C4
Source: Mouse	UNIPROT ID: P11464	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:2500-1:10000 IF-P 1:200-1:800
Isotype: IgG1	Full Name: pregnancy specific beta-1- glycoprotein 1	
Immunogen Catalog Number: AG28604	Calculated MW: 426 aa, 48 kDa	
	Observed MW: 54-70 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human	WB : T-47D cells, L02 cells, NCCIT cells, JAR cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human placenta tissue, IF-P : human placenta tissue,

Storage

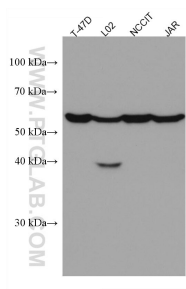
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

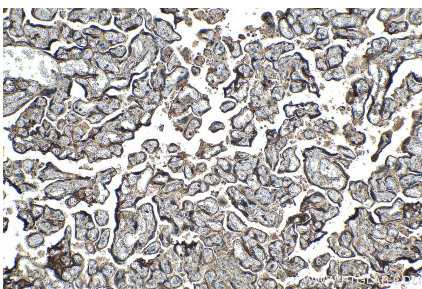
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

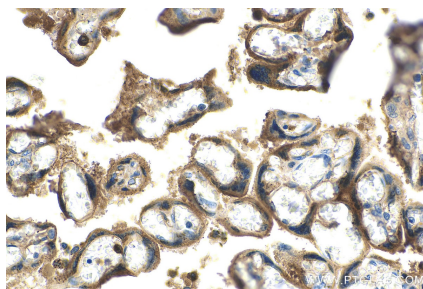
Selected Validation Data



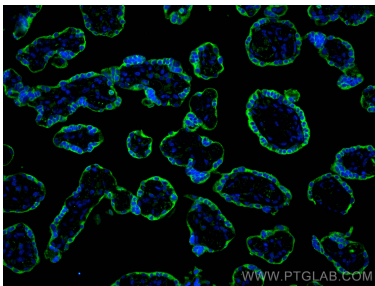
T-47D cells were subjected to SDS PAGE followed by western blot with 67269-1-Ig (PSG1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



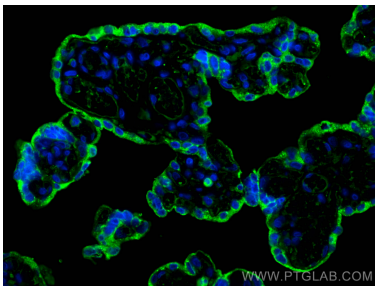
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67269-1-Ig (PSG1 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67269-1-Ig (PSG1 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using PSG1 antibody (67269-1-Ig, Clone: 1C6C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using PSG1 antibody (67269-1-Ig, Clone: 1C6C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).