

For Research Use Only

PSG2 Recombinant monoclonal antibody

Catalog Number: 87951-1-RR



Basic Information

Catalog Number: 87951-1-RR	GenBank Accession Number: NM_031246.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5670	CloneNo.: 260011D8
Source: Rabbit	UNIPROT ID: P11465	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: pregnancy specific beta-1-glycoprotein 2	
Immunogen Catalog Number: EG8789	Calculated MW: 37 kDa	
	Observed MW: 30-45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue,
Species Specificity: human	

Background Information

Pregnancy-specific β 1-glycoproteins (PSGs) are predominant proteins synthesized during gestation in humans, primates and rodents (PMID: 5001318; 11133662). In humans, PSGs are mainly secreted by syncytiotrophoblasts, while in rodents they derive from trophoblast giant cells and spongiotrophoblasts (PMID: 9290143). Moreover, PSGs can serve as indicators for blastocyst quality and embryonic viability (PMID: 8671387; 2409861).

Storage

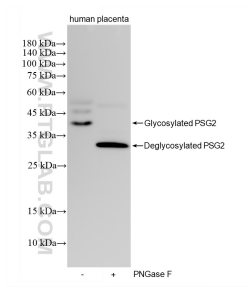
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87951-1-RR (PSG2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.