

For Research Use Only

PSG2 Recombinant monoclonal antibody

Catalog Number: 87951-1-RR



Basic Information

Catalog Number:

87951-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG8789

GenBank Accession Number:

NM_031246.4

GeneID (NCBI):

5670

UNIPROT ID:

P11465

Full Name:

pregnancy specific beta-1-glycoprotein 2

Calculated MW:

37 kDa

Observed MW:

30-45 kDa

Purification Method:

Protein A purification

CloneNo.:

260011D8

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human placenta tissue,

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

For technical support and original validation data for this product please contact:

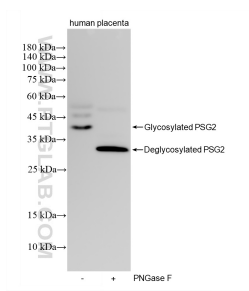
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.