

PSG2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16905b**Specification**

PSG2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P11465](#)**PSG2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5670**Other Names**

Pregnancy-specific beta-1-glycoprotein 2, PS-beta-G-2, PSBG-2, Pregnancy-specific glycoprotein 2, Pregnancy-specific beta-1 glycoprotein E, PS-beta-E, PSG2, PSBG2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PSG2 Antibody (C-term) Blocking Peptide - Protein Information**Name** PSG2**Synonyms** PSBG2**Cellular Location**

Secreted.

PSG2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PSG2 Antibody (C-term) Blocking Peptide - Images**PSG2 Antibody (C-term) Blocking Peptide - Background**

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-aspartic acid (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 176390).

PSG2 Antibody (C-term) Blocking Peptide - References

Tsavaris, N., et al. J Chemother 21(6):673-680(2009) Mennuni, C., et al. Int. J. Cancer 117(3):444-455(2005) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Grimwood, J., et al. Nature 428(6982):529-535(2004) Teglund, S., et al. Genomics 23(3):669-684(1994)