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PSG2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16905b

Specification

PSG2 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 afamily of proteins that are synthesized in large amounts byplacental trophoblasts and released into the maternal circulationduring

pregnancy. Molecular cloning and analysis of several PSGgenes has indicated that the PSGs form a subgroup of thecarcinoembryonic antigen (CEA) gene family, which belongs to theimmunoglobulin superfamily of genes. Members of the CEA familyconsist of a single N domain, with structural similarity to theimmunoglobulin variable domains, followed by a variable number ofimmunoglobulin constant-like A and/or B domains. Most PSGs have anarg-gly-asp (RGD) motif, which has been shown to function as anadhesion recognition signal for several integrins, in theN-terminal domain (summary by Teglund et al., 1994 [PubMed7851896]). For additional general information about the PSG genefamily, 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)