

PSG9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10444c**Specification**

PSG9 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q00887](#)
Other Accession [NP_002775.3](#)

PSG9 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5678

Other Names

Pregnancy-specific beta-1-glycoprotein 9, PS-beta-G-9, PSBG-9, Pregnancy-specific glycoprotein 9, PS34, Pregnancy-specific beta-1 glycoprotein B, PS-beta-B, Pregnancy-specific beta-1-glycoprotein 11, PS-beta-G-11, PSBG-11, Pregnancy-specific glycoprotein 11, Pregnancy-specific glycoprotein 7, PSG7, PSG9, PSG11

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.

PSG9 Antibody (Center) Blocking Peptide - Protein Information

Name PSG9

Synonyms PSG11

Function

Binds to the small latent transforming growth factor-beta complex, consisting of the N-terminal TGFB1 latency-associated peptide (LAP) and the mature form of TGFB1, thereby leading to the activation of TGFB1 (PubMed: [27389696](http://www.uniprot.org/citations/27389696)). The activation of TGFB1 leads to stimulation of naive CD4(+) T-cells to increase FoxP3 expression and to an increase in the number of FoxP3(+) regulatory T-cells (PubMed: [27389696](http://www.uniprot.org/citations/27389696)). Induces the differentiation of a suppressive CD4(+)LAP(+)FoxP3(-) T-cell subset (PubMed: [27389696](http://www.uniprot.org/citations/27389696)). Induces the secretion of TGFB1 in macrophages, but not in activated CD4(+) T-cells (PubMed: [27389696](http://www.uniprot.org/citations/27389696)). May reduce the expression of several pro- inflammatory cytokines and chemokines by CD4(+) T-cells,

including IL2 and IL6 (PubMed:27389696).

Cellular Location

Secreted.

PSG9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PSG9 Antibody (Center) Blocking Peptide - Images