

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

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**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:<a href="http://www.uniprot.org/citations/27389696" target="\_blank">27389696</a>). 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:<a href="http://www.uniprot.org/citations/27389696" target="\_blank">27389696</a>). Induces the differentiation of a suppressive CD4(+)LAP(+)FoxP3(-) T-cell subset (PubMed:<a href="http://www.uniprot.org/citations/27389696" target="\_blank">27389696</a>). Induces the secretion of TGFB1 in macrophages, but not in activated CD4(+) T-cells (PubMed:<a href="http://www.uniprot.org/citations/27389696" target="\_blank">27389696</a>). May reduce the expression of several pro- inflammatory cytokines and chemokines by CD4(+) T-cells,

including IL2 and IL6 (PubMed:<a href="http://www.uniprot.org/citations/27389696" target="\_blank">27389696</a>).

**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**