

PSG9 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11972**Specification**

PSG9 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q00887
Other Accession	NM_002784 , EAW57184
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

PSG9 antibody - N-terminal region - Additional Information**Gene ID** 5678**Alias Symbol** **PSG11, PSGII, PS34, PSBG-9, PSBG-11****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

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PSG9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PSG9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PSG9 antibody - N-terminal region - 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). 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). Induces the differentiation of a suppressive CD4(+)LAP(+)FoxP3(-) T-cell subset (PubMed:27389696). Induces the secretion of TGF β 1 in macrophages, but not in activated CD4(+) T-cells (PubMed:27389696). May reduce the expression of several pro- inflammatory cytokines and chemokines by CD4(+) T-cells, including IL2 and IL6 (PubMed:27389696).

Cellular Location

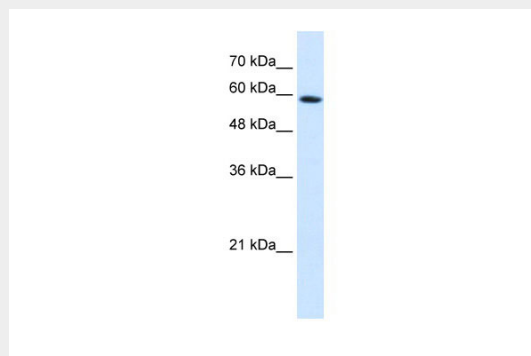
Secreted.

PSG9 antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PSG9 antibody - N-terminal region - Images



WB Suggested Anti-PSG9 Antibody Titration: 0.2-1 μ g/ml
Positive Control: HepG2 cell lysate