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PSG9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11972

Product Information

Application	WB
Primary Accession	Q00887
Other Accession	NM_002784, EAW57184
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48272

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.

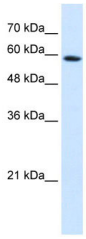
Protein Information

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 TGFB1 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.

Images



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