

Anti-PSG1 Antibody (8J758)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8J758
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human PSG1 / PS-beta-G-1 Protein (TMPY-00552)
Antigen Species:	Human
Synonyms:	B1G1;PSG95;PSGIIA;FL-NCA-1/2;PS-beta-G-1;PBG1;PSBG-1;pregnancy specific beta-1-glycoprotein 1;PSBG1;PS-β-G-1;CD66f;PS-beta-C/D;SP1;PSGGA;PS-β-C/D;DHFRP2;pregnancy specific β-1-glycoprotein 1

Research Background

Pregnancy-specific glycoproteins (PSGs) are a family of Ig-like proteins secreted by specialized placental cells. The PSG1 structure is composed of a single Ig variable region-like N-terminal domain and three Ig constant region-like domains termed A1, A2, and B2. Members of the human and murine PSG family have been shown to induce anti-inflammatory cytokines from monocytes and macrophages and to stimulate angiogenesis. Two distinct domains of PSG1 are involved in the regulation of TGF-beta1 and provide a mechanistic framework for how PSGs modulate the immunoregulatory environment at the maternal-fetal interface for successful pregnancy outcome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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