

Datasheet for ABIN5542089 **anti-PSG1 antibody**



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Overview

Quantity:	0.1 mg
Target:	PSG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PSG1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Immunisation with extracted protein of human PSG
Clone:	BAP3
Isotype:	IgG1
Specificity:	This antibody reacts to Pregnancy-specific Glycoproteins (PSG1-11). Species: Human.
Purification:	Affinity chromatography on Protein G

Target Details

Target:	PSG1
Alternative Name:	cd66f,psg1 (PSG1 Products)
Background:	The human pregnancy-specific glycoprotein family (PSG) is a group of closely related secreted

Target Details

glycoproteins which are highly expressed in placental syncytiotrophoblast cells of fetal origin (1). PSG are commonly expressed in tumors of trophoblast origin (hydatidiform mole, choriocarcinoma). They represent the most abundant fetal protein in the maternal blood at term. Together with the carcinoembryonic antigen (CEA)-related cell adhesion molecule (CEACAM) genes, the human PSG genes form the CEACAM gene family (2). PSG stimulate secretion of TH2-type cytokines from monocytes. CD9 was shown to represent the monocyte receptor for murine PSG17 (3). PSG are thought to modulate the maternal immune system during pregnancy thus protecting the semiallotypic fetus from rejection (4).

UniProt: [P11464](#)

Application Details

Application Notes: Flow cytometry: 1.2 µg/10e6 cells.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate buffered saline, pH 7.2

Storage: 4 °C, -20 °C

Storage Comment: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months