PSG9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSG9, Polyclonal Antibody
Full Product Name	PSG9 Antibody, HRP Conjugated
Product Gene Name	anti-PSG9 antibody
Product Synonym 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
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95% Protein G Purified
Preparation and Storage	Upon receipt, store at-20 degree C or-80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PSG9 (MBS7113682) HRP Conjugated Antibody: PSG9 (MBS7113683)
Molecular Weight	45,336 Da
3D Structure	ModBase 3D Structure for Q00887
Immunogen Species	Human
Immunogen	Recombinant Human Pregnancy-specific beta-1-glycoprotein 9 protein (241-426AA)
Conjugate	HRP
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-PSG9 antibody	Tags & Cell Markers
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSG9 antibody	ELISA (EIA)
Related Product Information for anti-PSG9 antibody	MBS7113683 is an antibody targeting PSG9. Also known as PSG9 Antibody, HRP Conjugated. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PSG9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSG9. It may not necessarily be applicable to this product.

NCBI GI #	683523955
NCBI GeneID	5678
NCBI Accession #	NP_001288636.1
UniProt Primary Accession #	Q00887
UniProt Secondary Accession #	Q15227; Q15236; Q15237; Q8WW78; Q9UQ73; B2R869
UniProt Related Accession #	Q00887
GenBank Nucleotide #	NM_001301707.1
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 9 isoform 2
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 9
NCBI Official Symbol	PSG9
NCBI Official Synonym Symbols	PS34; PSG11; PSGII; PSBG-9; PSBG-11
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 9
UniProt Synonym Protein Names	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
Protein Family	Pregnancy-specific beta-1-glycoprotein
UniProt Gene Name	PSG9
UniProt Synonym Gene Names	PSG11; PS-beta-G-9; PSBG-9; Pregnancy-specific glycoprotein 9; PS-beta-B; PS-beta-G-11; PSBG-11; Pregnancy-specific glycoprotein 11; PSG7
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 9
NCBI Summary for PSG9	The protein encoded by this gene is a member of the pregnancy-specific glycoprotein (PSG) family. This protein family and the closely related carcinoembryonic antigen cell adhesion molecule (CEACAM) gene family are both members of the immunoglobulin superfamily, and are organized as a large gene cluster. This protein is thought to inhibit platelet-fibrinogen interactions. Several studies suggest that reduced serum concentrations of PSGs are associated with fetal growth restrictions, while up-regulation of this gene has been observed in colorectal cancers. Several pseudogenes of this gene are found on chromosome 19. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms. [provided by RefSeq, Sep 2014]
Research Articles on PSG9	**1.** Results indicate that pregnancy-specific glycoprotein 9 (PSG9) may facilitate the development of hepatocellular carcinoma (HCC) by fostering angiogenesis via promoting VEGFA production in cancer HCC.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/psg9/7113683