

PSG3 rabbit pAb

Cat No.:ES6854

For research use only

Overview

| Product Name | PSG3 rabbit pAb |
|------------------------------|--|
| Host species | Rabbit |
| Applications | IHC;IF;ELISA |
| Species Cross-Reactivity | Human; Rat; Mouse; |
| Recommended dilutions | WB 1:500-2000 ,Immunohistochemistry: 1/100 - |
| | 1/300. ELISA: 1/20000. Not yet tested in other |
| | applications. |
| Immunogen | Synthesized peptide derived from the Internal |
| | region of human PSG3. |
| Specificity | PSG3 Polyclonal Antibody detects endogenous levels |
| | of PSG3 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and |
| | 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Pregnancy-specific beta-1-glycoprotein 3 |
| Gene Name | PSG3 |
| Cellular localization | Secreted . |
| Purification | The antibody was affinity-purified from rabbit |
| | antiserum by affinity-chromatography using |
| | epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 5671 |
| Human Swiss-Prot Number | Q16557 |
| Alternative Names | PSG3; Pregnancy-specific beta-1-glycoprotein 3; |
| | PS-beta-G-3; PSBG-3; Pregnancy-specific |
| | glycoprotein 3; Carcinoembryonic antigen SG5 |
| Background | The human pregnancy-specific glycoproteins (PSGs) |
| | are a family of proteins that are synthesized in large |
| | amounts by placental trophoblasts and released into |
| | the maternal circulation during pregnancy. |
| | Molecular cloning and analysis of several PSG genes |



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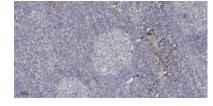
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has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily of genes. Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains. Most PSGs have an arg-gly-asp (RGD) motif, which has been shown to function as an adhesion recognition signal for several integrins, in the N-terminal domain (summary by Teglund et al., 1994 [PubMed 7851896]). For additional general information about the PSG gene family, see PSG1 (MIM

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).





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