

## PSG1 Antibody

**CAB6399**

### Description

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This PSG1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB6399
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	SP1, B1G1, PBG1, CD66f, PSBG1, PSG95, PSGGA, DHFRP2, PSBG-1, PSGIIA, FL-NCA-1/2, PS-beta-C/D, PS-beta-G-1, PSG1
<b>Clone:</b>	-
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ELISA</b> <b>IF-P</b>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human

### Antibody Data

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<b>Gene ID:</b>	5669
<b>Uniprot:</b>	AB_2767001
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	55-72kDa
<b>Calculated MW:</b>	47kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

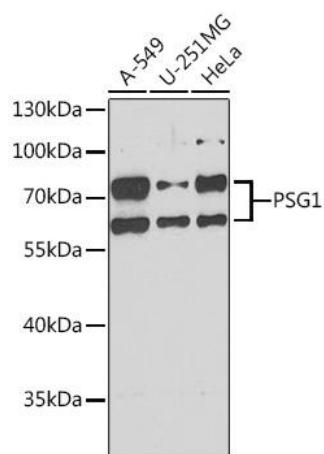
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** A-549, U-251MG, HeLa

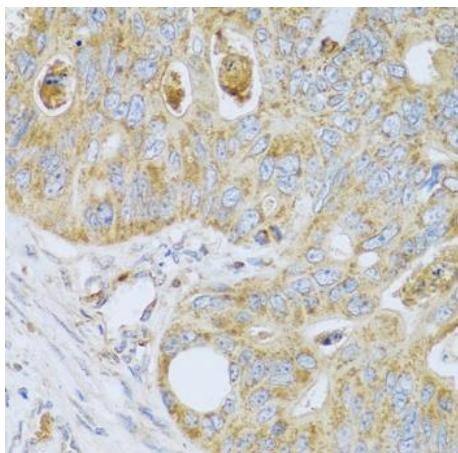
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IF-P</b>	1:50 - 1:200
	<b>IHC-P</b>	1:50 - 1:100
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

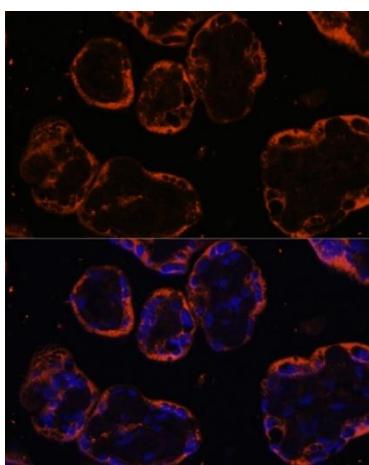
## Validation Data



Western blot analysis of various lysates using Rabbit pAb (CAB6399) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Rabbit pAb (CAB6399) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded human placenta using Rabbit pAb (CAB6399) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.