Datasheet for ABIN1870021

# anti-PSG2 antibody (AA 35-335)

2 Images

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | PSG2 |
| Binding Specificity: | AA 35-335 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PSG2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

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|---|---|
| Immunogen: | PSG2 (Gln35-Thr335) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against PSG2. It has been selected for its ability to recognize PSG2 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography |

## Target Details

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|---|---|
| Target: | PSG2 |
| Alternative Name: | Pregnancy Specific Beta-1-Glycoprotein 2 (PSG2 Products) |
| Background: | Alternative Names: CEA, PSG1, PSBG2, PSGGB, Carcinoembryonic Antigen SG8, Pregnancy- |

## Target Details

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|---|---|
| | specific glycoprotein 2, Pregnancy-specific beta-1 glycoprotein E |

## Application Details

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|---|---|
| Application Notes: | • Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

## Handling

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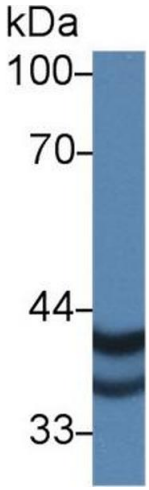
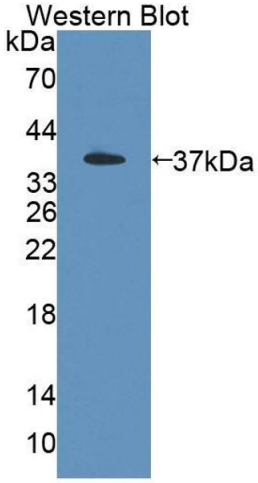
|---|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months. |
| Expiry Date: | 12 months |




**Western Blotting**

**Image 1.** Western Blot; Sample: Human A375 cell lysate; Primary Ab: 1µg/ml Rabbit Anti-Human PSG2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)




**Western Blotting**

**Image 2.** Figure. Western Blot; Sample: Recombinant protein.