

## Rabbit anti-Human SPAM1 Polyclonal Antibody | anti-SPAM1 antibody

Rabbit anti-SPAM1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                     |
|-----------|--------|------------|----------------------------------|
| AAA220114 | Rabbit | Human      | Immunofluorescence, Western Blot |

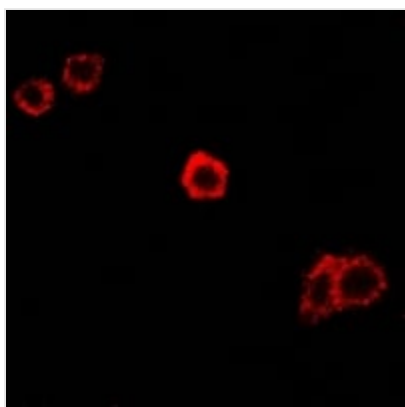
### PRODUCT SYNONYMS

SPAM1; Polyclonal Antibody; Rabbit anti-SPAM1 Antibody; HYAL3; PH20; Hyaluronidase PH-20; Hyal-PH20; Hyaluronoglucosaminidase PH-20; Sperm adhesion molecule 1; Sperm surface protein PH-20; anti-SPAM1 antibody

### PRODUCT SPECIFICATIONS

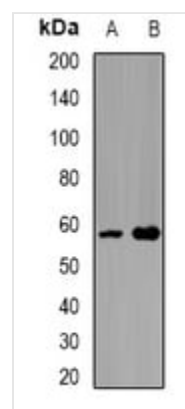
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-SPAM1 antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                      |
| Immunogen                                       | Recombinant full length protein of human SPAM1                                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of SPAM1 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of SPAM1 expression in PC3 (A), Raji (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-SPAM1 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 585673                                                                                                                                         |
| NCBI GeneID                      | 6677                                                                                                                                           |
| UniProt Accession #              | P38567; Q8TC30                                                                                                                                 |
| Molecular Weight                 | Calculated: 57kDa/58kDa<br>Observed: 47kDa                                                                                                     |
| NCBI Official Full Name          | Hyaluronidase PH-20                                                                                                                            |
| NCBI Official Synonym Full Names | sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding)                                                                        |
| NCBI Official Symbol             | SPAM1                                                                                                                                          |
| NCBI Official Synonym Symbols    | HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; HEL-S-96n                                                                                      |
| NCBI Protein Information         | hyaluronidase PH-20; hyal-PH20; sperm surface protein PH-20; hyaluronoglucosaminidase PH-20; epididymis secretory sperm binding protein Li 96n |
| UniProt Protein Name             | Hyaluronidase PH-20                                                                                                                            |
| UniProt Gene Name                | SPAM1                                                                                                                                          |
| UniProt Synonym Gene Names       | HYAL3; PH20; Hyal-PH20                                                                                                                         |
| UniProt Entry Name               | HYALP_HUMAN                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spam1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/220114>