

PACO42929

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000,  
IHC:1:20-1:200

**Protein Background:**

Plays a role in formation of mast cell secretory granules and mediates storage of various compounds in secretory vesicles. Required for storage of some proteases in both connective tissue and mucosal mast cells and for storage of granzyme B in T-lymphocytes. Plays a role in localizing neutrophil elastase in azurophil granules of neutrophils. Mediates processing of MMP2. Plays a role in cytotoxic cell granule-mediated apoptosis by forming a complex with granzyme B which is delivered to cells by perforin to induce apoptosis. Regulates the secretion of TNF-alpha and may also regulate protease secretion. Inhibits bone mineralization.

**Gene ID:**

SRGN

**Uniprot**

P10124

**Synonyms:**

Serglycin (Hematopoietic proteoglycan core protein) (Platelet proteoglycan core protein) (P. PG) (Secretory granule proteoglycan core protein), SRGN, PRG PRG1

**Immunogen:**

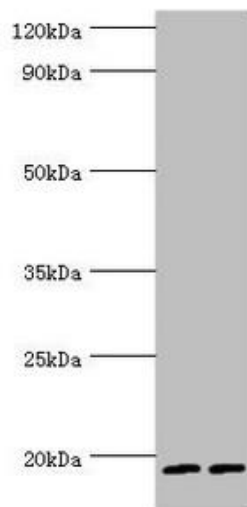
Recombinant Human Serglycin protein (28-158AA).

**Storage:**

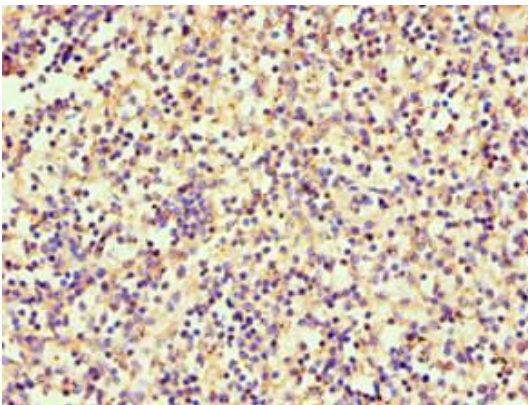
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot. All lanes: Serglycin antibody at 9 $\mu$ g/ml. Lane 1: THP-1 whole cell lysate. Lane 2: HL60 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 18 kDa. Observed band size: 18 kDa.



Immunohistochemistry of paraffin-embedded human spleen tissue using PACO42929 at dilution of 1:100.