

Glycine max Lectin (SBA) - AP (Alkaline Phosphatase)

Cat PL00149

Size 1 mg

Sugar Specificity

α -N-Acetylgalactosamine > β -N-Acetylgalactosamine

Description

Alkaline phosphatase (AP) is coupled to glycine max(soybean) lectin (SBA), showing its binding to SBA in a variety of applications such as Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups in the substrate to produce color or fluorescent products. The optimal enzyme activity of this protein is between pH 8 and 10, and its reaction rate remains linear with increased sensitivity over time.

Abbreviation

SBA

Material Source

Soybean

Conjugate

Alkaline Phosphatase (AP)

Concentration

1 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

α -N-Acetylgalactosamine > β -N-Acetylgalactosamine

Inhibiting or Eluting Sugar

N-Acetylgalactosamine

Divalent Ions

Ca⁺⁺, Mn⁺⁺

Mitogenic Activity

Yes

Format

Liquid

Storage

-20°C

Hazardous Shipping

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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