

Phaseolus vulgaris Lectin (PHA-E) - AP (Alkaline Phosphatase)

Cat PL00577

Size 1 mg

Sugar Specificity

Complex N-Glycans

Description

Alkaline phosphatase (AP) is coupled to the Phaseolus vulgaris lectin (phae), showing its binding to phae 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

PHA-E

Material Source

Kidney bean

Conjugate

Alkaline Phosphatase (AP)

Concentration

1 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

Complex N-Glycans

Inhibiting or Eluting Sugar

Bovine Thyroglobulin, Acetic Acid

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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