

# Phaseolus vulgaris Lectin (PHA-E+L) - AP (Alkaline Phosphatase)

Cat PL00593

Size 1 mg

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## Sugar Specificity

Complex N-Glycans

## Description

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

## 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<sup>++</sup>, Mn<sup>++</sup>

## Mitogenic Activity

Yes

## Format

Liquid

## Storage

-20°C

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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## Hazardous Shipping

Non-hazardous

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