# 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

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 Tel: 1-631-637-0420

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