

Euonymus europaeus Lectin (EEL/EEA) - AP (Alkaline Phosphatase)

Cat PL00135

Size 1 mg

Sugar Specificity

Gal α 3Gal

Description

Alkaline phosphatase (AP) conjugation with EEL/EEA shows its binding to EEL/EEA and is widely used in many 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

EEL/EEA

Material Source

Spindle tree

Conjugate

Alkaline Phosphatase (AP)

Concentration

1 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

Gal α 3Gal

Inhibiting or Eluting Sugar

Lactose

Divalent Ions

Ca⁺⁺, Zn⁺⁺

Mitogenic Activity

Yes

Format

Liquid

Storage

-20°C

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Euonymus europaeus Lectin (EEL/EEA) - AP (Alkaline Phosphatase)

Cat *PL00135*

Size *1 mg*

Hazardous Shipping

Non-hazardous

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
