

Native Japanese pagoda tree *Styphnolobium japonicum* Lectin (SJA), AP-Conjugated

Cat. No. SJA-037J Lot. No. (See product label)

SPECIFICATION

Product Overview

Native Japanese pagoda tree *Styphnolobium japonicum* Lectin (SJA) - AP (Alkaline Phosphatase)

Blood Group Specificity: Non-specific

Preferred Sugar Specificity: β -N-Acetylgalactosamine

Inhibiting or Eluting Sugar: N-Acetylgalactosamine

Divalent Ions: Ca⁺⁺, Mn⁺⁺

Mitogenic Activity: No

Hazardous Shipping: Non-hazardous

Species Japanese pagoda tree

Source Japanese pagoda tree

Description

Alkaline phosphatase (AP) is conjugated to *Styphnolobium japonicum* Lectin (SJA) to show the binding of SJA in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.

Form Liquid

Purity High Purity Grade

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Stability Shelf Life: 1 year

Storage At -20 centigrade.

Concentration 1 mg/mL

GENE INFORMATION

Official Symbol SJA

Synonyms Styphnolobium japonicum Lectin; SJA

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