

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 <i>Styphnolobium japonicum</i> 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 <i>Styphnolobium japonicum</i> 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

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Stability	Shelf Life: 1 year
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Storage	At -20 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	SJA
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Synonyms	Styphnolobium japonicum Lectin; SJA
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