Native Jackbean Succinylated Concanavalin A Lectin (Succ Con A), AP-Conjugated

Cat. No. Succ Con A-038J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jackbean Succinylated Concanavalin A Lectin (Succ Con A) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside + α-Methylglucoside Divalent Ions: Ca++, Mn++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Jack Bean
Source	Jackbean
Description	Alkaline phosphatase (AP) is conjugated to Succinylated Concanavalin A Lectin (Succ Con A) to show the binding of Succ Con A 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
Storage	At -20 centigrade.
Concentration	1 mg/mL

GENE INFORMATION

Official Symbol	Succ Con A
Synonyms	Succinylated Concanavalin A Lectin; Succ Con A

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