

Native Bandeiraea Griffonia simplicifolia Lectin (GSL II), AP-Conjugated

Cat. No. GSL II-016B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bandeiraea Griffonia simplicifolia Lectin (GSL II) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-N-Acetylglucosamine, β-N-Acetylglucosamine Inhibiting or Eluting Sugar: Chitin Hydrolysate or N-Acetylglucosamine Divalent Ions: Ca⁺⁺, Mn⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Bandeiraea
Source	Bandeiraea
Description	Alkaline phosphatase (AP) is conjugated to Griffonia simplicifolia Lectin (GSL II) to show the binding of GSL II 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
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.

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

Concentration	2 mg/mL
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GENE INFORMATION

Official Symbol	GSL II
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Synonyms	Griffonia simplicifolia Lectin; GSL II
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