

Native Winged bean Psophocarpus tetragonolobus Lectin (PTL/PTA II), AP-Conjugated

Cat. No. PTL/PTA II-032W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Winged bean Psophocarpus tetragonolobus Lectin (PTL/PTA II) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylgalactosamine, Galactose Inhibiting or Eluting Sugar: N-Acetylgalactosamine Divalent Ions: Ca⁺⁺, Mn⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Winged bean
Source	Winged bean
Description	Alkaline phosphatase (AP) is conjugated to Psophocarpus tetragonolobus Lectin (PTL/PTA II) to show the binding of PTL/PTA 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

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Storage	At -20 centigrade.
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Concentration	2 mg/mL
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GENE INFORMATION

Official Symbol	PTL/PTA II
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Synonyms	Psophocarpus tetragonolobus Lectin; PTL/PTA II
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