

Native Asparagus pea Lotus tetragonolobus Lectin (LTL), AP-Conjugated

Cat. No. LTL-020A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Asparagus pea Lotus tetragonolobus Lectin (LTL) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Fucose Inhibiting or Eluting Sugar: L-Fucose Divalent Ions: Ca⁺⁺, Mn⁺⁺ Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Asparagus pea
Source	Asparagus pea
Description	Alkaline phosphatase (AP) is conjugated to Lotus tetragonolobus Lectin (LTL) to show the binding of LTL 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
Stability	Shelf Life: 1 year

 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

Storage	At -20 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	LTL
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Synonyms	Lotus tetragonolobus Lectin; LTL
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