

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

Cat. No. LTL-364A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Asparagus pea Lotus tetragonolobus Lectin (LTL) - HRP (Horseradish Peroxidase)

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

Affinity purified Lotus tetragonolobus lectin (LTL) is isolated from lotus seeds and is composed of 240 amino acid residues. LTL is a glycoprotein consists of four subunits. LTL is a fucose-binding anti-H(O) lectin. Transitional cell carcinoma of the human urinary bladder tends to metastasize when it strongly expresses binding sites for LTL. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Lotus tetragonolobus Lectin (LTL) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.

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Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	LTL
Synonyms	Lotus tetragonolobus Lectin; LTL

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