

Active Native Lotus Tetragonolobus Lectin Protein, Biotinylated

Cat. No. Lectin-1797L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Lotus Tetragonolobus Lectin and has sugar specificity against Fucose, Arabinose
Species	Lotus tetragonolobus
Source	Lotus tetragonolobus
Description	Lotus tetragonolobus lectin is a family of closely related glycoproteins that appear to have similar specificities toward α-linked L-fucose containing oligosaccharides. Although many of the binding properties of Lotus lectin are similar to those of Ulex europaeus lectin I, the binding affinities and some specificities for oligosaccharides are significantly different between these fucose-specific lectins.
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Molecular Mass	107 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Storage	Refrigerate; for long term storage, aliquot and store frozen.
Reconstitution	Reconstitute by adding 1ml water. The resulting solution will have the following composition: 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM

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Ca²⁺. For most applications, we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.

GENE INFORMATION

Synonyms	Lectin; LTL
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UniProt ID	P19664
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