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LOTUS TETRAGONOLOBUS LECTIN (LTL), UNCONJUGATED

SKU: L-1320-5



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 markedly different between these fucose-specific lectins.

SPECIFICATIONS

Molecular Weight	107
Extinction Coefficient	1.51
Inhibiting or Eluting Sugar	L-Fucose
Unit Size	5 mg

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Storage Instructions	2-8 °C
Sugar Specificity	α1,3-linked fucose
Usage Summary	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 7.5 – 8.5, 0.1 mM CaCl2is recommended. Lectin may be preserved with 0.04% sodium azide.
Applications	Glycobiology
Conjugate	Unconjugated

TECHNICAL INFORMATION

Inhibiting/Eluting Sugar: 50 mM – 100 mM L-fucose

CITATIONS

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DOCUMENTS

- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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