



Lotus Tetragonolobus Lectin (LTL), Fluorescein

FL-1321-2

Product Images



Short 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.

Fluorescein labeled *Lotus tetragonolobus* lectin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes.

- Excitation maximum: 495 nm
- Emission maximum: 515 nm

Additional Information

Unit Size	2 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 $\mu\text{g/ml}$.
Recommended Storage	2-8°C
Maximum Excitation	495-500 nm
Maximum Emission	514-521 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl_2
Concentration	2 mg active conjugate/ml
Conjugate	Fluorescein
Color of Fluorescence	Green
Sugar Specificity	Fucose, Arabinose

