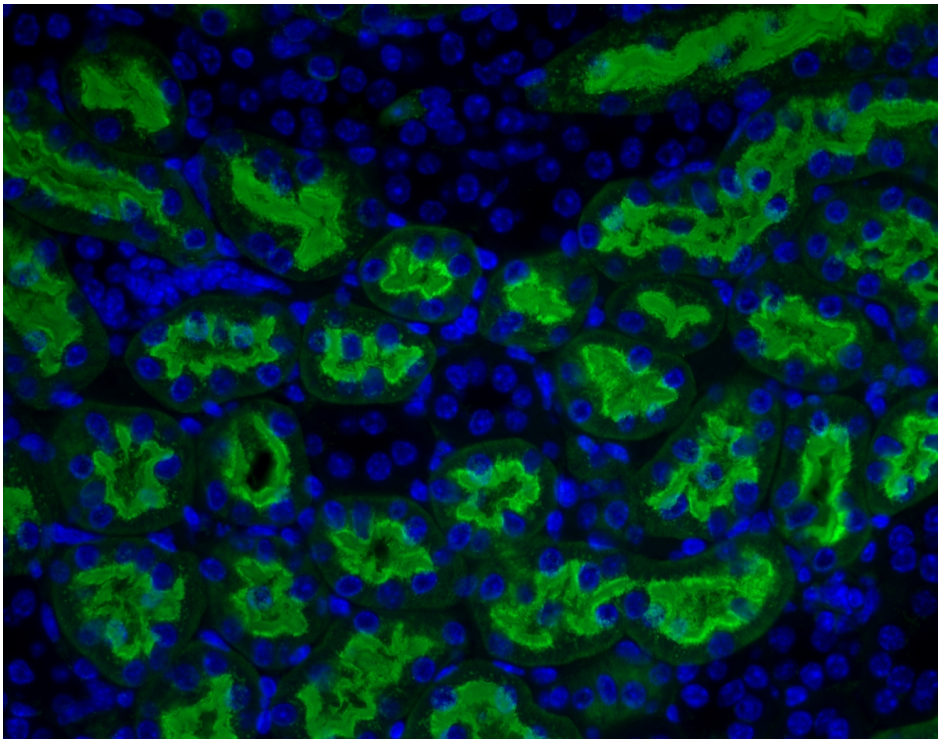
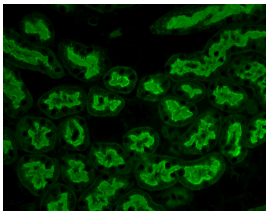
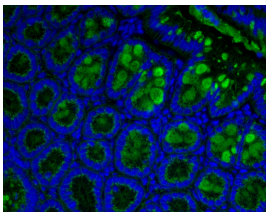
Aleuria Aurantia Lectin (AAL), Fluorescein

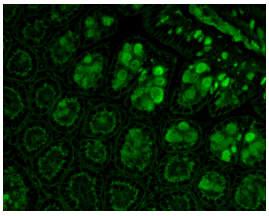
FL-1391-1

Product Images









Short Description

Unlike *Ulex europaeus* and *Lotus tetragonolobus* lectins which prefer (α -1,2) linked fucose residues, *Aleuria aurantia* lectin binds preferentially to fucose linked (α -1,6) to *N*-acetylglucosamine or to fucose linked (α -1,3) to *N*-acetyllactosamine related structures. AAL also reversibly binds fucose attached to nucleic acids.

Fluorescein labeled *Aleuria aurantia* 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. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.

Additional Information

Unit Size	1 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 µg/ml.
Recommended Storage	2-8°C
Maximum Excitation	495-500 nm
Inhibiting and/or Eluting Sugar	100 mM-400 mM L-fucose
Maximum Emission	514-521 nm
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide.
Concentration	1 mg active conjugate/ml
Conjugate	Fluorescein
Color of Fluorescence	Green
Sugar Specificity	Fucose, Arabinose