

Active Native Aleuria Aurantia Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1753A Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Aleuria Aurantia Lectin and has sugar specificity against Fucose, Arabinose. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
Species	Aleuria Aurantia
Source	Aleuria Aurantia
Description	This lectin is a dimer of two identical subunits of about 36 kDa each. 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.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide.
Bio-activity	Inhibiting/Eluting Sugar: 100 mM L-fucose
Molecular Mass	72 kDa
Applications	Immunofluorescence, Glycobiology
Usage	The recommended concentration range for use is 5-20 g/ml.

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Storage	Refrigerate in the dark
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Concentration	1 mg/ml
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GENE INFORMATION

Synonyms	Lectin; AAL
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UniProt ID	P18891
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