Active Native Maackia Amurensis Lectin I Protein, Fluorescein labeled

Cat. No. Lectin-1808M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Maackia Amurensis Lectin I and has sugar specificity against Galactose and Lactose. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
Species	Maackia Amurensis
Source	Maackia Amurensis
Description	Maackia amurensis lectin I binds gal (β-1,4) glcNAc but tolerates substitution of N-acetyllactosamine with sialic acid at the 3 position of galactose. However, MAL I does not appear to bind this structure when substitution with sialic acid is on the 6 position of galactose.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide. 0.1 mM Ca2+
Bio-activity	Inhibiting Sugar: 200 mM lactose
Molecular Mass	130 kDa
Applications	Immunofluorescence, Glycobiology
Storage	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.

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Concentration	2 mg/ml active conjugate
Reconstitution	The recommended concentration range for use is 5-20 g/ml.

GENE INFORMATION

Synonyms	Lectin; MAL I
UniProt ID	P0DKL3

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