

Active Native Maackia Amurensis Lectin I Protein, Biotinylated

Cat. No. Lectin-1807M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Maackia Amurensis Lectin I and has sugar specificity against Galactose and Lactose.
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.
Bio-activity	Inhibiting Sugar: 200 mM lactose
Molecular Mass	130 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications, we recommend a freshly prepared working solution of 5-20 g/ml.
Storage	Refrigerate; for long term storage, aliquots may be stored frozen.
Reconstitution	Reconstitute by adding 1ml water. The resulting solution will have the following

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composition: 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM Ca²⁺, 0.01 mM Mn²⁺.

GENE INFORMATION

Synonyms Lectin; MAL I

UniProt ID [P0DKL3](#)

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