

Active Native Maackia Amurensis Lectin II Protein

Cat. No. Lectin-1750M Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Maackia Amurensis Lectin II and has sugar specificity against Sialic Acid.
Species	Maackia amurensis
Source	Maackia amurensis
Description	Although the specificity of this lectin is not well defined, MAL II appears to bind only particular carbohydrate structures that contain sialic acid. Unlike Sambucus nigra lectin (SNA) which seems to prefer structures with (α -2,6) linked sialic acid, MAL II appears to bind sialic acid in an (α -2,3) linkage. Tissue staining patterns are also very different among MAL I, SNA and MAL II.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1mM Ca ²⁺ .
Bio-activity	Inhibitor: Human glycoporphin
Molecular Mass	130 kDa
Applications	Glycobiology, Mitogenic Stimulation
Storage	Refrigerate at 4 centigrade
Concentration	2 mg/ml

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GENE INFORMATION

Synonyms Lectin; MAL II; MAH

UniProt ID [P0DKL3](#)

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