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MAACKIA AMURENSIS LECTIN II (MAL II), UNCONJUGATED

SKU: L-1260-2



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.

SPECIFICATIONS

Molecular Weight	130
Extinction Coefficient	1.33
Formulation	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1mM CaCl2.
Inhibiting or Eluting Sugar	Neuraminidase treatment or Fetuin

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Unit Size	2 mg
Storage Instructions	2-8 °C
Sugar Specificity	α2,3-sialylated Galb1−3GalNAc in O-glycans, and 3′O-sulfated Gal.
Applications	Glycobiology, Mitogenic Stimulation
Concentration	2 mg/ml
Conjugate	Unconjugated

TECHNICAL INFORMATION

Maackia amurensis lectin II is a glycoprotein consisting of two subunits each of which is composed of disulfide-linked chains.

Geisler, C and Jarvis, D.L. Glycobiology, vol. 21, no. 8 pp. 988-993, 2011

Inhibitor: Human glycophorin

CITATIONS

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DOCUMENTS

- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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