



Maackia Amurensis Lectin II (MAL II), Biotinylated

B-1265-1

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Short 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.

Biotinylated Maackia amurensis lectin II has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

Additional Information

Unit Size	1 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Recommended Usage	For most applications, we recommend a freshly prepared working solution of 5-20 μ g/ml in the above buffer.
Recommended Storage	2-8 $^{\circ}$ C
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide.
Concentration	1 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	Sialic Acid

