



Maackia Amurensis Lectin I (MAL I), Biotinylated

B-1315-2

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Short 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.

Biotinylated *Maackia amurensis* lectin 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	2 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Recommended Usage	Reconstitute in 1 ml water. The resulting solution will be: 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% NaN ₃ , 0.1 mM CaCl ₂ , 0.01 mM MnCl ₂ .
Recommended Storage	2-8 °C; Store frozen for long term storage
Inhibiting and/or Eluting Sugar	200 mM lactose (S-9004).
Conjugate	Biotinylated
Sugar Specificity	Galactose, Lactose

