

Active Native Griffonia Simplicifolia Lectin II Protein, Biotinylated

Cat. No. Lectin-1788G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Griffonia Simplicifolia Lectin II and has sugar specificity against N-Acetylglucosamine.
Species	Griffonia Simplicifolia
Source	Griffonia Simplicifolia
Description	This lectin is a dimeric glycoprotein composed of two subunits of nearly identical size with each subunit having disulfide-linked chains and a binding site for α - or β -linked N-acetylglucosamine residues. Unlike other N-acetylglucosamine specific lectins, increasing the number of N-acetylglucosamine residues beyond two does not improve affinity. GSL II has been reported to be unique in its ability to recognize exclusively α - or β -linked N-acetylglucosamine residues on the nonreducing terminal of oligosaccharides.
Bio-activity	Inhibiting/Eluting Sugar: Chitin Hydrolysate or 200 mM N-acetylglucosamine
Molecular Mass	113 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Storage	Refrigerate; for long term storage, aliquots may be stored frozen.

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Reconstitution

Reconstitute biotinylated lectin by addition 1ml of water. The resulting solution will have the following composition: 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM Ca²⁺. For most applications, we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer

GENE INFORMATION**Synonyms**

Lectin; GSL II; BSL II

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