

Active Native Griffonia Simplicifolia Lectin II Protein, Fluorescein labeled

Cat. No. Lectin-1789G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Griffonia Simplicifolia Lectin II and has sugar specificity against N-Acetylglucosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
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.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺
Bio-activity	Inhibiting/Eluting Sugar: Chitin Hydrolysate or 200 mM N-acetylglucosamine
Molecular Mass	113 kDa
Applications	Immunofluorescence, Glycobiology

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Usage	The recommended concentration range for use is 5-20 μ g/ml.
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Storage	Refrigerate in the dark.
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Concentration	2.0 mg/ml
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GENE INFORMATION

Synonyms	Lectin; GSL II; BSL II
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UniProt ID	Q41263
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