Native Bandeiraea Griffonia simplicifolia Lectin (GSL I), TRITC-Conjugated

Cat. No. GSL I-493B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bandeiraea Griffonia simplicifolia Lectin (GSL I) - TRITC (Rhodamine) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Galactose, α-N-Acetylgalactosamine Inhibiting or Eluting Sugar: Galactose, N-Acetylgalactosamine Divalent Ions: Ca++, Mn++ Excitation: 545-555 nm Emission: 570-580 nm Mitogenic Activity: No Hazardous Shipping: Non-hazardous Fluorescence: Orange
Species	Bandeiraea
Source	Bandeiraea
Description	Griffonia simplicifolia lectin (GSL I) is affinity purified from a woody climbing shrub native to Africa. GSL I is composed of two types of subunits A and B that combine to form tetrameric structures, resulting in five isolectins. This lectin shows specificity for blood group B greater than blood group A1. GSL I has been reported to bind several glycoproteins including laminin. Griffonia simplicifolia Lectin (GSL I) is labeled with tetramethylrhodamine isothiocyanate (TRITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. TRITC is a bright orange or red-fluorescent dye with excitation ideally suited to the

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

	532-nm laser line. TRITC labeled GSL I can be used for cellular imaging applications.
Form	Liquid
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	GSL I
Synonyms	Griffonia simplicifolia Lectin; GSL I

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