

Active Native Griffonia Simplicifolia Lectin I isolectin B4 Protein, Fluorescein labeled


Cat. No. Lectin-1785G **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | This product is the Fluorescein labeled Griffonia Simplicifolia Lectin I isolectin B4 and has sugar specificity against Galactose. Excitation maximum = 495 nm; emission maximum = 515 nm. Color = green. |
| Species | Griffonia Simplicifolia |
| Source | Griffonia Simplicifolia |
| Description | GSL I-B4 isolectin contains only the B subunits. It is a useful marker for endothelial cells from nonprimates such as mouse, rat, rabbit, and goat as well as a marker for non-peptidergic unmyelinated primary afferent neurons. This “B”-rich lectin preferentially agglutinates blood group B cells and is specific for α-galactose residues. |
| Form | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺ |
| Bio-activity | Inhibiting Sugar: 500 mM galactose or 100 mM raffinose |
| Molecular Mass | 114 kDa |
| Applications | Immunofluorescence, Glycobiology |
| Usage | The recommended concentration range for use is 5-20 μg/ml. |
| Storage | Refrigerate in the dark |

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Concentration 1 mg/ml


GENE INFORMATION

Synonyms Lectin; GSL I; BSL I

UniProt ID [Q8W1R6](#)

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