

Active Native Griffonia Simplicifolia Lectin I isolectin B4 Protein, DyLight 649 Labeled

Cat. No. Lectin-1784G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the DyLight 649 Labeled Griffonia Simplicifolia Lectin I isolectin B4 and has sugar specificity against Galactose. Excitation maximum is at 646 nm and emission maximum is at 674 nm (red).
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. If a precipitate forms upon long-term storage, warm to 37

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centigrade.

Concentration 1 mg/ml

GENE INFORMATION

Synonyms Lectin; GSL I; BSL I

UniProt ID [Q8W1R6](#)

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