



# Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4, Fluorescein

## FL-1201-.5

[Product Images](#)



## Short Description

GSL I-B<sub>4</sub> 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.

Fluorescein labeled GSL I-B<sub>4</sub> has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorescein and is preserved with sodium azide.

- Excitation maximum = 495 nm
- Emission maximum = 515 nm
- Color = green

## Additional Information

Unit Size	500 ug
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 µg/ml.
Recommended Storage	2-8°C
Maximum Excitation	495-500 nm
Inhibiting and/or Eluting Sugar	500 mM galactose (S-9003) or 100 mM raffinose
Maximum Emission	514-521 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl <sub>2</sub>
Concentration	1 mg active conjugate/ml
Conjugate	Fluorescein
Color of Fluorescence	Green
Sugar Specificity	Galactose

