# Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4, DyLight™ 649

# DL-1208-.5

## Product Images

## Short Description

GSL I-$B_4$ 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.

DyLight™ 649 GSL I-$B_4$ isolectin is produced by using special conjugation procedures to incorporate DyLight™ 649 into our affinity-purified lectin. This conjugate has an appropriate number of fluorochromes bound which provide the maximum fluorescence and optimum staining characteristics for this particular lectin. This reagent is supplied essentially free of unconjugated fluorochromes and inactive lectin.

- Excitation maximum: 646 nm
- emission maximum: 674 nm
- Color: Red

## Additional Information

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|---|---|
| Unit Size | 0.5 mg |
| Applications | Immunofluorescence, Glycobiology |
| Recommended Usage | The recommended concentration range for use is 5-20 µg/ml. If a precipitate forms upon long-term storage, warm to 37 ºC. |
| Recommended Storage | 2-8 °C |
| Maximum Excitation | 655 nm |
| Maximum Emission | 670 nm |
| Solution | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM $CaCl_2$. |
| Concentration | 1 mg active conjugate/ml |
| Conjugate | DyLight 649 |
| Color of Fluorescence | Far Red |
| Sugar Specificity | Galactose |