

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

Cat PL00655

Size 0.5 mg

Sugar Specificity

Galactose

Description

GSL I-B4 isolates contain only B subunits. It is a useful marker for endothelial cells in non-primates, such as mice, rats, rabbits, and goats, as well as for non-peptidenergic non-myelinated primary afferent neurons. This "B" -rich lectin preferentially agglutinates the blood group B cells and is specific for alpha-galactose residues.

DyLight™649 GSL I-B4 isolates are produced by binding DyLight™649 to our affinity purified lectin through a special coupling procedure. The conjugate combines the appropriate amount of fluorescent dye to provide maximum fluorescence and optimal staining properties for this particular lectin. The reagent is essentially free of non-conjugated fluorescent dyes and inactive lectins.

Conjugate

DyLight 649

Concentration

1 mg active conjugate/ml

Sugar Specificity

Galactose

Storage

2-8°C

Excitation

655 nm

Emission

670 nm

Fluorescence

Far Red

Application

Immunofluorescence, Glycobiology

Recommended dilution

The recommended concentration range for use is 5-20 µg/ml. If a precipitate forms upon long-term storage, warm to 37 °C.

Solution

10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl₂.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY