

Phaseolus vulgaris Lectin (PHA-L) - Cy5

Cat PL00614

Size 1 mg

Sugar Specificity

Complex N-Glycans

Description

After Cy5 binds to Phaseolus vulgaris lectin (PHA-L), the binding pattern of this lectin can be shown in cell imaging and flow cytometry. The excitation wavelength required for Cy5 fluorescence is high enough to avoid overlapping with most other fluorescent dyes, making it useful for double-labeling experiments. Because of this high excitation, the autofluorescent background of biological specimens is usually less.

Abbreviation

PHA-L

Material Source

Kidney bean

Conjugate

Cyanine 5 (Cy5)

Concentration

1 mg/mL

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

Complex N-Glycans

Inhibiting or Eluting Sugar

Bovine Thyroglobulin, Acetic Acid

Divalent Ions

Ca⁺⁺, Mn⁺⁺

Mitogenic Activity

Yes

Format

Liquid

Storage

2-8°C

Molecular Weight

N/A

Excitation

650 nm

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat PL00614

Size 1 mg

Emission

670 nm

Fluorescence

Red

Hazardous Shipping

Non-hazardous

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