

Phaseolus Vulgaris Leucoagglutinin (PHA-L), Biotinylated

Cat PL00690

Size 2 mg

Sugar Specificity

Galactose, Complex Structures

Description

Phasebean lectins are the name of a family of lectins, each consisting of four subunits. There are two different types of subunits. One of these appears to be primarily involved in red blood cell agglutination and is designated as the "E" subunit (red agglutinin). Another type is involved in lymphocyte agglutination and mitotic activity and is known as the "L" subunit (leukocyte lectin). These subunits combine to produce five isolates. PHA-L with four "L" type subunits does not agglutinate erythrocytes, but is a potent mitogen. Biotinylated PHA-L has the appropriate amount of biotin binding to provide optimal staining properties for this lectin. This conjugate contains essentially no unconjugated biotin and is preserved with sodium azide.

Conjugate

Biotinylated

Concentration

2 mg active conjugate/ml

Sugar Specificity

Galactose, Complex Structures

Storage

2-8°C

Application

Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology

Recommended dilution

For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the below buffer.

Solution

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
