Active Native Phaseolus Vulgaris Leucoagglutinin Protein, Rhodamine labeled

Cat. No. Lectin-1730P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Phaseolus Vulgaris Leucoagglutinin and has sugar specificity against galactose and complex structures. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.
Species	Phaseolus Vulgaris
Source	Phaseolus Vulgaris
Description	Phaseolus vulgaris agglutinin is the name ascribed to a family of lectins, each of which consists of four subunits. There are two different types of subunits. One appears to be involved primarily in red cell agglutination and has been designated the “E” subunit (for erythroagglutinin). The other type is involved in lymphocyte agglutination and mitogenic activity and has been termed the “L” subunit (for leucoagglutinin). These subunits combine to produce five isolectins. PHA-L, with four "L" type subunits, does not agglutinate red cell but is a potent mitogen.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca2+
Bio-activity	Carbohydrate-Binding Specificity: Galactose, Complex Structures.
Molecular Mass	126 kDa
Applications	Immunofluorescence, Glycobiology

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Usage	The recommended concentration range for use is 5-20 g/ml.
Storage	Refrigerate in the dark.
Concentration	2.0 mg/ml

GENE INFORMATION

Synonyms	Lectin; PHA-L

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