Active Native Phaseolus Vulgaris Erythroagglutinin Protein, Fluorescein labeled

Cat. No. Lectin-1820P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Phaseolus Vulgaris Erythroagglutinin (PHA-E) and has sugar specificity against Galactose, and Complex Structures. The excitation maximum is at 495 nm and the emission maximum is at 515 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-E possesses strong hemagglutinating activity but is a poor mitogen.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca2+, 5mg/ml Beta-Cyclodextrin.
Bio-activity	Elution: 100 mM acetic acid
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 mg/ml

GENE INFORMATION

Synonyms	Lectin; PHA-E
UniProt ID	V5YN37

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