

Active Native Soybean Agglutinin Protein, Fluorescein labeled

Cat. No. Lectin-1847S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Soybean Agglutinin and has sugar specificity against Galactose and N-Acetylgalactosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
Species	Soybean
Source	Soybean
Description	SBA preferentially binds to oligosaccharide structures with terminal α - or β -linked N-acetylgalactosamine, and to a lesser extent, galactose residues. Binding can be blocked by substitutions on penultimate sugars, such as fucose attached to the penultimate galactose in blood group B substance.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	120 kDa
Applications	Immunofluorescence, Glycobiology
Usage	For most applications we recommend a freshly prepared working solution of 5-20 g/ml.
Storage	Refrigerate in the dark; for long-term storage, aliquots may be stored frozen. If a

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precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.

Concentration 2 mg/ml active conjugate

GENE INFORMATION

Synonyms Lectin; SBA

UniProt ID [P05046](#)

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