

Active Native Succinylated Wheat Germ Agglutinin Protein, Fluorescein labeled

Cat. No. Lectin-1866W **Lot. No.** (See product label)

SPECIFICATION

Product Overview This product is the Fluorescein labeled succinylated Wheat Germ Agglutinin and has sugar specificity against N-Acetylglucosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.

Species Wheat germ

Source Wheat Germ

Description This derivative has been reported to have properties distinct from the native lectin. Evidence suggests that Succinylated Wheat Germ agglutinin does not bind to sialic acid residues, unlike the native form, but retains its specificity toward N-acetylglucosamine. Using conjugates of the native lectin and the succinylated form can provide a system to distinguish between sialylated glycoconjugates and those containing only N-acetylglucosamine structures.

Form 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca²⁺

Bio-activity Inhibiting/Eluting Sugar: Chitin Hydrolysate; or 500 mM N-acetylglucosamine with salt and/or acid elution generally required

Molecular Mass 36 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; for long term storage, aliquots may be stored frozen.
Concentration	5 mg/ml

GENE INFORMATION

Synonyms	Lectin; WGA; Succinylated WGA
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