

Active Native Succinylated Wheat Germ Agglutinin Protein, Biotinylated

Cat. No. Lectin-1865W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated succinylated Wheat Germ Agglutinin and has sugar specificity against N-Acetylglucosamine.
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, 0.1 mM Ca ²⁺ , 0.08% sodium azide. For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.
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	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting

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Applications, Elispot, ELISAs, Glycobiology

Storage Refrigerate; for long term storage, aliquots may be stored frozen.

Concentration 5 mg/ml

GENE INFORMATION

Synonyms Lectin; WGA; Succinylated WGA

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