

Active Native Succinylated Wheat Germ Agglutinin Protein, Biotinylated

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

SPECIFICATION

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|-------------------------|---|
| 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 g/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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