

Succinylated Wheat Germ Agglutinin (WGA), Biotinylated

Cat PL00736

Size 5 mg

Sugar Specificity

N-Acetylglucosamine

Description

It is reported that this derivative has properties different from natural lectins. Evidence suggests that succinylated wheat germ lectins do not bind to sialic acid residues as the natural form does, but retain specificity for n-acetylglucosamine. Biotinized, amberized WGA has the right amount of biotin binding to provide optimal staining properties for this lectin. This conjugate contains essentially no unconjugated biotin and is preserved with sodium azide.

Conjugate

Biotinylated

Concentration

5 mg active conjugate/ml

Sugar Specificity

N-Acetylglucosamine

Storage

2-8°C; Store frozen for long term storage

Application

Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology

Recommended dilution

For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the below buffer.

Solution

10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.1 mM CaCl₂, 0.08% sodium azide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY