

Wheat Germ Agglutinin (WGA), Biotinylated

Cat PL00737

Size 5 mg

Sugar Specificity

N-Acetylglucosamine

Description

The acceptor sugar of WGA is N-acetylglucosamine, which preferentially binds to dimers and trimers of this sugar. WGA can bind oligosaccharides with n-acetylglucosamine or chitosan at the end, a structure common to many serum and membrane glycoproteins. Bacterial cell wall peptidoglycans, chitin, chondrosaminoglycans and glycolipids can also bind WGA.

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, 0.08% sodium azide, 0.1 mM CaCl₂, 10 mM N-acetylglucosamine.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY