Solanum Tuberosum (Potato) Lectin (STL, PL), Biotinylated

B-1165-2

Product Images

Short Description

This lectin binds oligomers of *N*-acetylglucosamine and some bacterial cell wall oligosaccharides containing *N*-acetylglucosamine and *N*-acetylmuramic acid. Although the carbohydrate binding specificity is similar to wheat germ agglutinin and *Datura stramonium* lectin, several differences have been reported for potato lectin.

Biotinylated *Solanum tuberosum* lectin has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

Additional Information

Unit Size	2 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Recommended Usage	For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.
Recommended Storage	2-8 °C; Store frozen for long term storage
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM $CaCl_2$, 20 mM N-acetylglucosamine.
Concentration	2 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	N-Acetylglucosamine