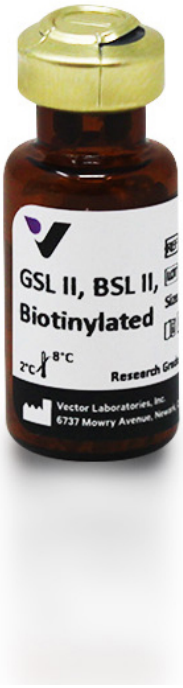
Griffonia (Bandeiraea) Simplicifolia Lectin II (GSL II, BSL II), Biotinylated

B-1215-2

Product Images



Short Description

Griffonia (Bandeiraea) Simplicifolia Lectin II is a dimeric glycoprotein composed of two subunits of nearly identical size with each subunit having disulfide-linked chains and a binding site for α- or β-linked*N*-acetylglucosamine residues. Unlike other N-acetylglucosamine specific lectins, increasing the number of *N*-acetylglucosamine residues beyond two does not improve affinity. GSL II has been reported to be unique in its ability to recognize exclusively α- or β-linked *N*-acetylglucosamine residues on the nonreducing terminal of oligosaccharides.

Biotinylated GSL II 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	Reconstitute biotinylated lectin by addition 1 ml of water.The resulting solution will have the following composition:10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM $CaCl_2$, 10 mM N-Acetylglucosamine.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
Conjugate	Biotinylated
Sugar Specificity	N-Acetylglucosamine