



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

B-1105-2

[Product Images](#)



Short Description

GSL I is a family of glycoproteins with molecular weights of approximately 114 kDa. There are two types of subunits, termed "A" and "B", with slightly different molecular weights. These subunits combine to form tetrameric structures, resulting in five isolectins. The "A"-rich lectin preferentially agglutinates blood group A erythrocytes and thus appears to be specific for α -N-acetylgalactosamine residues, while the "B"-rich lectin preferentially agglutinates blood group B cells and is specific for α -galactose residues. Our GSL I is a mixture of the five isolectins. GSL I has been reported to bind several glycoproteins including laminin. Biotinylated GSL I has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin.

Additional Information

Unit Size	2 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs
Recommended Usage	For most applications we recommend a freshly prepared working solution of 5-20 μ g/ml in the above buffer.
Recommended Storage	2-8 °C; Store frozen for long term storage
Inhibiting and/or Eluting Sugar	Inhibiting/Eluting Sugar: Mixture of 200 mM galactose (S-9003)/200 mM N-acetylgalactosamine (S-9001).
Solution	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM CaCl ₂ .
Concentration	2 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	Galactose, N-Acetylgalactosamine

