



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

L-1100-5

[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.

Additional Information

Unit Size	5 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology
Recommended Usage	Although many buffers can be employed for reconstituting and diluting this lectin, we recommend 10 mM HEPES buffered saline, pH 8.5, 0.1 mM CaCl ₂ . For preserving solutions stored at 4 °C, add 0.08% sodium azide to the buffer. For dissolving the lectin, we recommend adding the lectin slowly to buffer rather than adding the buffer to the lectin. Allow the lectin to dissolve without vigorous agitation.
Recommended Storage	2-8 °C
Conjugate	Unconjugated
Sugar Specificity	Galactose, N-Acetylgalactosamine

