

Product Datasheet

Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4 Native Protein DL-1208-NB

Unit Size: 0.5 mg

Store at 4C in the dark.

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DL-1208-NB**Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4 Native Protein**

Product Information	
Unit Size	0.5 mg
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Preservative	0.08% Sodium Azide
Conjugate	DyLight 649
Purity	Affinity purified
Buffer	10 mM HEPES (pH 7.5), 0.15 M NaCl, 0.1 mM Ca ²⁺
Target Molecular Weight	114 kDa

Product Description	
Description	<p>A biologically active protein corresponding to Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4.</p> <p>Source: <i>Griffonia (Bandeiraea) simplicifolia</i> seeds</p> <p>GSL I-B4 isolectin contains only the B subunits. It is a useful marker for endothelial cells from nonprimates such as mouse, rat, rabbit, and goat as well as a marker for non-peptidergic unmyelinated primary afferent neurons. This "B"-rich lectin preferentially agglutinates blood group B cells and is specific for α-galactose residues.</p> <p>DyLight® 649 GSL I-B4 isolectin is produced by using special conjugation procedures to incorporate DyLight® 649 into our affinity-purified lectin. This conjugate has an appropriate number of fluorochromes bound which provide the maximum fluorescence and optimum staining characteristics for this particular lectin. This reagent is supplied essentially free of unconjugated fluorochromes and inactive lectin.</p> <p>Excitation maximum is at 646 nm and emission maximum is at 674 nm (red). If a precipitate forms during long-term storage, warm to 37 C. Specific for galactose.</p>
Species	Plant
Details of Functionality	This "B"-rich lectin preferentially agglutinates blood group B cells and is specific for α-galactose residues.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Bioactivity
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence, Bioactivity
Application Notes	For most applications, the recommended concentration range is 5 - 20 ug/mL.





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Products Related to DL-1208-NB

B-1205-NB	Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4 Protein
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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