

# Product Datasheet

## Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4 Native Protein DL-1207-NB

Unit Size: 0.5 mg

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**DL-1207-NB****Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4 Native Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.5 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Preservative</b>	0.08% Sodium Azide
<b>Conjugate</b>	DyLight 594
<b>Purity</b>	Affinity purified
<b>Buffer</b>	10 mM HEPES (pH 7.5), 0.15 M NaCl, 0.1 mM Ca <sup>2+</sup>
<b>Target Molecular Weight</b>	114 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A biologically active protein corresponding to Griffonia Simplicifolia Lectin I (GSL I) Isolectin B4.</p> <p><b>Source:</b> <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® 594 GSL I-B4 isolectin is produced by using special conjugation procedures to incorporate DyLight® 594 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 592 nm and emission maximum is at 617 nm (red). Specific for galactose. Inhibitors: 500 mM galactose or 100 mM raffinose</p>
<b>Species</b>	Plant
<b>Details of Functionality</b>	This "B"-rich lectin preferentially agglutinates blood group B cells and is specific for α-galactose residues.
<b>Notes</b>	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Bioactivity
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence, Bioactivity
<b>Application Notes</b>	For most applications, the recommended concentration range is 5 - 20 ug/mL. For immunofluorescence applications, it is recommended that sections be mounted in VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium (H-1400-NB) or VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium with DAPI (H-1500-NB).





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### **Products Related to DL-1207-NB**

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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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