

## Active Native Galanthus Nivalis Lectin Protein

**Cat. No.** Lectin-1749G    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	This product is the Galanthus Nivalis Lectin and has sugar specificity against Mannose.
<b>Species</b>	Galanthus nivalis
<b>Source</b>	Galanthus nivalis
<b>Description</b>	Galanthus nivalis lectin, unlike most mannose-specific lectins, is not a metalloprotein and does not require Ca <sup>2+</sup> or Mn <sup>2+</sup> for binding. Binding seems to be preferentially directed toward structures containing (α-1,3) mannose residues. Also in contrast to most mannose-binding lectins, GNL will not bind α-linked glucose. Reports indicate that this lectin binds rat and mouse IgM but not IgG. The only protein from human serum reported to bind to this lectin is α <sub>2</sub> -macroglobulin. GNL binds to many viral glycoproteins.
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 100 mM - 200 mM α-methylmannoside
<b>Molecular Mass</b>	50 kDa
<b>Applications</b>	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology
<b>Storage</b>	Refrigerate at 4 centigrade
<b>Reconstitution</b>	Although many buffers can be employed for reconstituting and diluting this lectin, 10

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mM HEPES buffered saline, pH 8.5, 0.1 mM Ca<sup>2+</sup> is recommended. Lectin may be preserved with 0.04% sodium azide.

## GENE INFORMATION

**Synonyms** Lectin; GNL

**UniProt ID** [P30617](#)

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