

# Active Native Hipppeastrum Hybrid Lectin Protein, Biotinylated

**Cat. No.** Lectin-1791H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Biotinylated Hipppeastrum Hybrid (Amaryllis) Lectin and has sugar specificity against Mannose.
<b>Species</b>	Hippeastrum Hybrid
<b>Source</b>	Hippeastrum Hybrid
<b>Description</b>	This lectin is composed of four subunits of identical size and is immunologically related to GNL and NPL. Amaryllis lectin binds only $\alpha$ -mannose residues, unlike Con A, LCA and PSA that also bind $\alpha$ -glucosyl structures. Like NPL there appears to be an extended binding site for polymannose structures, not requiring mannose to be at the non-reducing terminus. HHL binds both ( $\alpha$ -1,3) and ( $\alpha$ -1,6) linked mannose structures, as well as some yeast galactomannans.
<b>Form</b>	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide
<b>Bio-activity</b>	Inhibiting Sugar: 100 mM $\alpha$ -methylmannoside
<b>Molecular Mass</b>	50 kDa
<b>Applications</b>	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
<b>Usage</b>	For most applications, we recommend a freshly prepared working solution of 5-20 g/ml.

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<b>Storage</b>	Refrigerate in the dark.
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<b>Concentration</b>	2 mg/ml
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; HHL, AL
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