

Active Native Hippeastrum Hybrid Lectin Protein, Biotinylated

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

SPECIFICATION

Product Overview	This product is the Biotinylated Hippeastrum Hybrid (Amaryllis) Lectin and has sugar specificity against Mannose.
Species	Hippeastrum Hybrid
Source	Hippeastrum Hybrid
Description	This lectin is composed of four subunits of identical size and is immunologically related to GNL and NPL. Amaryllis lectin binds only α -mannose residues, unlike Con A, LCA and PSA that also bind α -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 (α -1,3) and (α -1,6) linked mannose structures, as well as some yeast galactomannans.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide
Bio-activity	Inhibiting Sugar: 100 mM α -methylmannoside
Molecular Mass	50 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications, we recommend a freshly prepared working solution of 5-20 g/ml.

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Storage	Refrigerate in the dark.
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Concentration	2 mg/ml
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GENE INFORMATION

Synonyms	Lectin; HHL, AL
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