

Active Native Dolichos Biflorus Lectin Protein

Cat. No. Lectin-1771D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the unconjugated Dolichos Biflorus Agglutinin and has sugar specificity to N-Acetylgalactosamine.
Species	Dolichos Biflorus
Source	Dolichos Biflorus
Description	Dolichos biflorus agglutinin is a glycoprotein with a molecular weight of about 111 kDa and consists of 4 subunits of approximately equal size. This lectin has a carbohydrate specificity toward α -linked N-acetylgalactosamine. It has been used to establish secretor status in blood group A individuals by hemagglutination inhibition techniques and for blood typing. This lectin has also been used as a general marker of developing renal collecting ducts.
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine Carbohydrate-Binding Specificity: N-Acetylgalactosamine.
Molecular Mass	111 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology
Usage	DO NOT VORTEX!
Storage	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade,

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warm to 37 centigrade. and centrifuge before use.

Reconstitution

Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca²⁺ is recommended. For preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION**Synonyms**

Lectin; DBA

UniProt ID

[A0A089ZWN7](#)

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