

# Active Native Dolichos Biflorus Agglutinin Protein, Rhodamine labeled

**Cat. No.** Lectin-1732D    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Dolichos Biflorus Agglutinin and has sugar specificity against N-Acetylgalactosamine. The excitation maximum is at 575 nm and the emission maximum is at 600 nm.
<b>Species</b>	Dolichos Biflorus
<b>Source</b>	Dolichos Biflorus
<b>Description</b>	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 $\alpha$ -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.
<b>Form</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup>
<b>Bio-activity</b>	Carbohydrate-Binding Specificity: N-Acetylgalactosamine.
<b>Molecular Mass</b>	111 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Usage</b>	The recommended concentration range for use is 5-20 $\mu$ g/ml.

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<b>Storage</b>	Refrigerate in the dark. If precipitate forms upon long term storage, warm to 37 centigrade.
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<b>Concentration</b>	2 mg/ml
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; DBA
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<b>UniProt ID</b>	<a href="#">A0A089ZWN7</a>
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