

Active Native Dolichos Biflorus Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1770D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled Dolichos Biflorus Agglutinin and has sugar specificity to N-Acetylgalactosamine. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.
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.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca ²⁺
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine Carbohydrate-Binding Specificity: N-Acetylgalactosamine.
Molecular Mass	111 kDa
Applications	Immunofluorescence, Glycobiology

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Usage	The recommended concentration range for use is 5-20 μ g/ml.
Storage	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.
Concentration	2 mg/ml active conjugate
GENE INFORMATION	
Synonyms	Lectin; DBA
UniProt ID	A0A089ZWN7

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