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DOLICHOS BIFLORUS AGGLUTININ (DBA), RHODAMINE

SKU: RL-1032-2



DESCRIPTION

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.

Rhodamine labeled *Dolichos biflorus* agglutinin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.

SPECIFICATIONS

Molecular Weight	111
Color of Fluorescence	Red

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Extinction Coefficient	1.22
Formulation	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl2
Inhibiting or Eluting Sugar	GalNAc
Maximum Emission	575nm
Maximum Excitation	550nm
Unit Size	2 mg
Storage Instructions	2-8 °C
Sugar Specificity	Forssman antigen and GM2
Usage Summary	The recommended concentration range for use is 5-20 µg/ml.
Applications	Immunofluorescence, Glycobiology
Concentration	2 mg active conjugate/ml
Conjugate	Rhodamine

TECHNICAL INFORMATION

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.

Rhodamine labeled *Dolichos biflorus* agglutinin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.

Accompanying each fluorescent lectin is an analysis data sheet summarizing the results of our quality control tests and providing pertinent information on the product. All of these reagents are supplied as solutions preserved with sodium azide.

Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine

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CITATIONS

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DOCUMENTS

- Safety Data Sheet
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GALLERY IMAGES



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