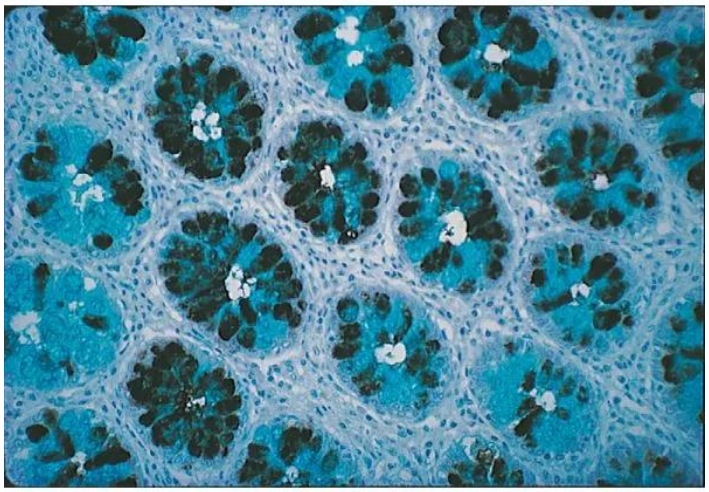
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOLICHOS BIFLORUS AGGLUTININ (DBA), FLUORESCEIN

SKU: FL-1031



DESCRIPTION

Dolichos biflorus agglutinin 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.

Fluorescein 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 495 nm and the emission maximum is at 515 nm.

SPECIFICATIONS

Molecular Weight	111
Color of Fluorescence	Green

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	514-521 nm
Maximum Excitation	495-500 nm
Unit Size	2 mg, 5 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
Concentration	FL-1031-2 (2 mg active conjugate/ml)FL-1031-5 (5 mg active conjugate/ml)
Conjugate	Fluorescein

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.

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

CITATIONS

Powered by Bioz © 2023 See more details on Bioz

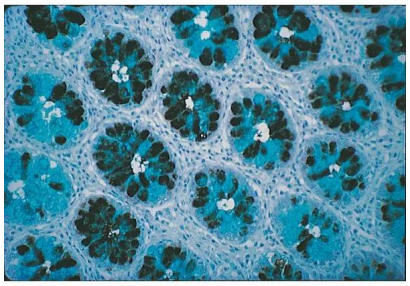
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOCUMENTS

- Safety Data Sheet
- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Download CoA
- Datasheet

GALLERY IMAGES







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