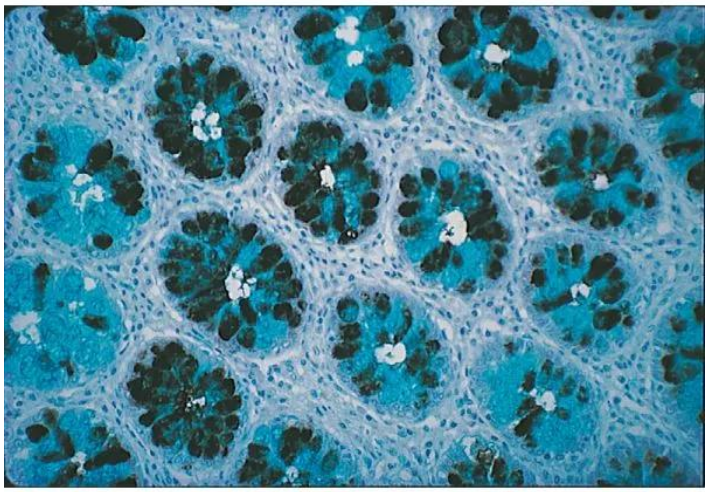
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DOLICHOS BIFLORUS AGGLUTININ (DBA), BIOTINYLATED

SKU: B-1035-5



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.

Biotinylated *Dolichos biflorus* agglutinin has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

SPECIFICATIONS

Molecular Weight	111

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
Unit Size	5 mg
Storage Instructions	2-8 °C; Store frozen for long term storage
Sugar Specificity	Forssman antigen and GM2
Usage Summary	For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the below buffer.
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Concentration	5 mg active conjugate/ml
Conjugate	Biotinylated

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 biotinylated lectin is an ideal intermediate for examining glycoconjugates using the Biotin-Avidin/Streptavidin System. First the biotinylated lectin is added, followed by the VECTASTAIN ABC Reagent, Avidin D conjugate, or streptavidin derivative.

Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine

CITATIONS

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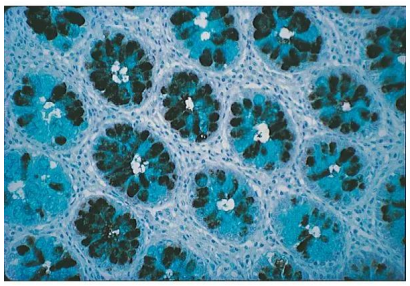
DOCUMENTS

- Safety Data Sheet

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

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

GALLERY IMAGES





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