



WISTERIA FLORIBUNDA LECTIN (WFA, WFL), BIOTINYLATED

SKU: B-1355-2



DESCRIPTION

The binding specificity of *Wisteria floribunda* lectin (WFL) is not completely clear but this lectin appears to preferentially bind carbohydrate structures terminating in *N*-acetylgalactosamine linked α or β to the 3 or 6 position of galactose. This lectin has been used to fractionate lymphocyte populations, and although not mitogenic, elicits the production of lymphokines from murine splenocytes.

Biotinylated WFL 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

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



Molecular Weight	116
Extinction Coefficient	0.89
Formulation	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM CaCl ₂ .
Inhibiting or Eluting Sugar	GalNAc
Unit Size	2 mg
Storage Instructions	2-8 °C; Store frozen for long term storage
Sugar Specificity	Terminal β-GalNAc, terminal α-GalNAc and terminal multiantennary LacNAc
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	2 mg active conjugate/ml
Conjugate	Biotinylated

TECHNICAL INFORMATION

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](#)

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GALLERY IMAGES



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