



# WISTERIA FLORIBUNDA LECTIN (WFA, WFL), BIOTINYLATED

**SKU:** B-1355-2



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## 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  $\alpha$  or  $\beta$  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.**



<b>Molecular Weight</b>	116
<b>Extinction Coefficient</b>	0.89
<b>Formulation</b>	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM CaCl <sub>2</sub> .
<b>Inhibiting or Eluting Sugar</b>	GalNAc
<b>Unit Size</b>	2 mg
<b>Storage Instructions</b>	2-8 °C; Store frozen for long term storage
<b>Sugar Specificity</b>	Terminal β-GalNAc, terminal α-GalNAc and terminal multiantennary LacNAc
<b>Usage Summary</b>	For most applications, we recommend a freshly prepared working solution of 5-20 µg/ml in the below buffer.
<b>Applications</b>	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
<b>Concentration</b>	2 mg active conjugate/ml
<b>Conjugate</b>	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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- [Lectins in Histochemistry, ELISA, and Western Blot Applications](#)
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## GALLERY IMAGES



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<https://vectorlabs.com/products/biotinylated-wisteria-floribunda-lectin/>