



# WISTERIA FLORIBUNDA LECTIN (WFA, WFL), FLUORESCIN

**SKU:** FL-1351-2



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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.

Fluorescein labeled WFL 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.

- Excitation maximum: 495 nm
- Emission maximum: 515 nm
- Color: Green

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## SPECIFICATIONS

|                                    |                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>            | 116                                                                                    |
| <b>Color of Fluorescence</b>       | Green                                                                                  |
| <b>Extinction Coefficient</b>      | 0.89                                                                                   |
| <b>Formulation</b>                 | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.<br>0.1 mM CaCl <sub>2</sub>      |
| <b>Inhibiting or Eluting Sugar</b> | GalNAc                                                                                 |
| <b>Maximum Emission</b>            | 514-521 nm                                                                             |
| <b>Maximum Excitation</b>          | 495-500 nm                                                                             |
| <b>Unit Size</b>                   | 2 mg                                                                                   |
| <b>Storage Instructions</b>        | 2-8°C                                                                                  |
| <b>Sugar Specificity</b>           | Terminal $\beta$ -GalNAc, terminal $\alpha$ -GalNAc and terminal multiantennary LacNAc |
| <b>Usage Summary</b>               | The recommended concentration range for use is 5-20 $\mu$ g/ml.                        |
| <b>Applications</b>                | Immunofluorescence, Glycobiology                                                       |
| <b>Concentration</b>               | 2 mg active conjugate/ml                                                               |
| <b>Conjugate</b>                   | Fluorescein                                                                            |

## TECHNICAL INFORMATION

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



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## DOCUMENTS

- [Lectins in Histochemistry, ELISA, and Western Blot Applications](#)
- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES



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