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WISTERIA FLORIBUNDA LECTIN (WFA, WFL), FLUORESCEIN

SKU: FL-1351-2



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.

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

Molecular Weight	116
Color of Fluorescence	Green
Extinction Coefficient	0.89
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
Storage Instructions	2-8°C
Sugar Specificity	Terminal β-GalNAc, terminal a-GalNAc and terminal multiantennary LacNAc
Usage Summary	The recommended concentration range for use is 5-20 µg/ml.
Applications	Immunofluorescence, Glycobiology
Concentration	2 mg active conjugate/ml
Conjugate	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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