Native Japanese wisteria Wisteria floribunda Lectin (WFA/WFL), FITC-Conjugated

Cat. No. WFA/WFL-344J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Japanese wisteria Wisteria floribunda Lectin (WFA/WFL) - FITC (Fluorescein) Blood Group Specificity: Non-specific Preferred Sugar Specificity: N-Acetylgalactosamine Inhibiting or Eluting Sugar: N-Acetylgalactosamine, Acetic Acid Divalent Ions: None Required Excitation: 495 nm Emission: 515 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Green Appearance Color: Light-yellow
Species	Japanese wisteria
Source	Japanese wisteria
Description	Wisteria floribunda agglutinin or lectin (WFA/WFL) is composed of four subunits. This lectin is not blood group specific although it does react stronger with human type A1 cells over A2, B, or O cells. The presence of a sialic acid residue may cause a lack of WFA reactivity. WFA contains a strong hemagglutinin activity and is a potent mitogen, both strongly inhibited by GalNAc, although mitogenic activity is also inhibited by N,N'-diacetylchitobiose. Affinity purified WFA/WFL is labeled with FITC (fluorescein isothiocyanate) and has an appropriate number of fluorochromes bound to provide

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	the optimum staining characteristics for this lectin. FITC conjugates have been used in a variety of immunohistochemical and flow cytometry applications. This product comes in a stabilized liquid form.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	Store frozen at -20 centigrade in amber vials or covered with foil in appropriate aliquot sizes. Avoid freeze thaw cycles. Can be stored at 2-8 centigrade for short term use. Clarify by centrifugation, if needed.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	WFA/WFL
Synonyms	Wisteria floribunda Lectin; WFA/WFL

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