Native Jacalin Artocarpus integrifolia Lectin (AIA), FITC-Conjugated

Cat. No. AIA-297J **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Jacalin Artocarpus integrifolia Lectin (AIA) - FITC (Fluorescein) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Galactose or Melibiose Divalent Ions: None Required Excitation: 495 nm Emission: 515 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Green
Species	Jacalin
Source	Jacalin
Description	Jacalin lectin (AIA) is purified by affinity chromatography and is tetrameric two-chain structure consisting of four identical protomers with an isoelectric point of pH 7. 8. The lectin has specificity for blood group types O (+SA) and T. Jacalin is considered a galactose-specific lectin and elutes with galactose or melibiose Artocarpus integrifolia (Jacalin) Lectin (AIA) is labeled with fluorescein isothiocyanate (FITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. FITC conjugates have been used in a variety of immunohistochemical and flow cytometry applications.

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Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	5 mg/mL

GENE INFORMATION

Official Symbol	AIA
Synonyms	Artocarpus integrifolia Lectin; AIA

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