Native Amur maackia Maackia amurensis Lectin (MAA/MAL I), FITC-Conjugated

Cat. No. MAA/MAL I-316A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Amur maackia Maackia amurensis Lectin (MAA/MAL I) - FITC (Fluorescein) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Siaα2-3Galβ1-4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: None Required Excitation: 495 nm Emission: 515 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Green
Species	Amur maackia
Source	Amur maackia
Description	Maackia amurensis Lectin (MAA/MAL I) is a leukoagglutinating lectin isolated from Maackia amurensis seeds and purified by affinity chromatography. This lectin does not agglutinate one blood type more than another and agglutination can be inhibited by sialyllactose or lactose at higher concentrations. Although MAA I and MAA II are similar in size and structure, this lectin is a more potent mitogen and exhibits less hemagglutinating ability than MAA II. Maackia amurensis Lectin (MAA/MAL I) is labeled with fluorescein isothiocyanate (FITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin.

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	FITC conjugates have been used in a variety of immunohistochemical and flow cytometry applications.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	MAA/MAL I
Synonyms	Maackia amurensis Lectin; MAA/MAL I

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