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

Cat. No. MAA/MAL I-501A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Amur maackia Maackia amurensis Lectin (MAA/MAL I) - TRITC (Rhodamine) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Siaα2-3Galβ1-4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: None Required Excitation: 545-555 nm Emission: 570-580 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Orange
Species	Amur maackia
Source	Amur maackia
Description	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 tetramethylrhodamine isothiocyanate (TRITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. TRITC is a bright orange or red-fluorescent dye with excitation ideally suited to the 532-nm laser line. TRITC labeled MAA/MAL I can be

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	used for cellular imaging 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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