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

Cat. No. MAA/MAL I-366A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Amur maackia Maackia amurensis Lectin (MAA/MAL I) - HRP (Horseradish Peroxidase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Siaα2-3Galβ1-4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
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. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Maackia amurensis Lectin (MAA/MAL I) is conjugated to HRP at an

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	appropriate ratio to provide optimal staining characteristics.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA