

Native Amur maackia Maackia amurensis Lectin (MAA/MAL II), AP-Conjugated

Cat. No. MAA/MAL II-024A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Amur maackia Maackia amurensis Lectin (MAA/MAL II) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Siaα2-3Galβ1-3GalNAc Inhibiting or Eluting Sugar: Human Glycophorin Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Amur maackia
Source	Amur maackia
Description	Affinity-purified MAL II is conjugated with alkaline phosphatase (AP). AP is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate molecule resulting in a colored or fluorescent product, or release of light as a chemiluminescent byproduct of the reaction. AP has optimal enzymatic activity at a basic pH between pH 8 and 10, and its reaction rate remains linear in which detection sensitivity can be improved by allowing the reaction to continue for a longer time.
Form	Liquid
Stability	Shelf Life: 1 year

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At -20 centigrade.
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Concentration	2 mg/mL
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GENE INFORMATION

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