Native Amur maackia Maackia amurensis Lectin (MAA/MAL I)

Cat. No. MAA/MAL I-646A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Amur maackia Maackia amurensis Lectin (MAA/MAL I) - Pure 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.
Form	Lyophilized
Molecular Mass	130 kDa
Purity	High Purity Grade

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Applications	Subcellular localization of sialyltransferases, Neu5Acα2,3Galβ1,4GlcNA detection in animal tissues
Storage	At -20 centigrade.

GENE INFORMATION

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

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