Native Osage orange Maclura pomifera Lectin (MPL/MPA)

Cat. No. MPL/MPA-651O **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Osage orange Maclura pomifera Lectin (MPL/MPA) - Pure Blood Group Specificity: A, B, O (-SA) Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Galactose Divalent Ions: None Required Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Osage orange
Source	Osage orange
Description	Maclura pomifera agglutinin or lectin (MPA/MPL) is tetrameric plant protein purified by affinity chromatography. MPA has a molecular weight of about 44,000 and consists of four subunits. It has an isoelectric point between pH 4. 8 and pH 5. 3, and blood group specificity towards A, B, and O (-SA). It is also the central element in O-linked glycopeptide structures on other mammalian glycoproteins.
Form	Lyophilized
Molecular Mass	44 kDa
Purity	High Purity Grade
Applications	Rat lymphoid cell binding

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Storage	At -20 centigrade.

GENE INFORMATION

Official Symbol	MPL/MPA
Synonyms	Maclura pomifera Lectin; MPL/MPA

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