

Maackia Amurensis Lectin II (MAL II), Unconjugated

Cat *PL00754*

Size *2 mg*

Sugar Specificity

Sialic Acid

Description

While the specificity of this lectin is unclear, MAL II appears to bind only to specific carbohydrate structures containing sialic acid. Unlike the Sambucus nigra lectin (SNA), which appears to prefer the (alpha-2,6) binding structure of sialic acid, MAL II appears to bind sialic acid with (alpha-2,3) bonds. The tissue staining patterns of MAL I, SNA and MAL II are also very different.

Conjugate

Unconjugated

Sugar Specificity

Sialic Acid

Storage

2-8°C

Recommended dilution

Glycobiology, Mitogenic Stimulation

Solution

10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1mM CaCl₂.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY