

Lycopersicon Esculentum (Tomato) Lectin (LEL, TL), Texas Red™



Cat PL00720

Size 1 mg

Sugar Specificity

[GlcNAc]1-3, N-Acetylglucosamine

Description

Although tomato lectins share some properties with potato lectins, datura lectins, and wheat germ lectins, they are reported to be different in many ways. LEL binds well to glycoproteins and TAM-Horsfall glycoproteins and has been effectively used to label vascular endothelium in rodents. German Red ® labeled lectins have the right amount of fluorescent dye binding to provide the best staining properties for this lectin. This conjugated substance basically does not contain unconjugated fluorescent dyes. The excitation maximum is 595 nm and the emission maximum is 615 nm.

Conjugate

Texas Red

Concentration

1 mg active conjugate/ml

Sugar Specificity

[GlcNAc]1-3, N-Acetylglucosamine

Storage

2-8°C

Excitation

595-604 nm

Emission

606-615 nm

Fluorescence

Red

Application

Immunofluorescence, Glycobiology

Recommended dilution

If a precipitate forms upon long-term storage, warm to 37 °C.

Solution

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
