



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

Product Images



Short Description

Tomato lectin, although sharing some specificities with potato lectin, Datura lectin, and wheat germ agglutinin, has been reported to be dissimilar in many respects. LEL binds well to glycophorin and Tamm-Horsfall glycoprotein and has been used effectively to label vascular endothelium in rodents.

Texas Red[®] labeled Tomato lectin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 595 nm and the emission maximum is at 615 nm.

Additional Information

Unit Size	1 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	If a precipitate forms upon long-term storage, warm to 37 °C.
Recommended Storage	2-8 °C
Maximum Excitation	595-604 nm
Maximum Emission	606-615 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide 0.1 mM CaCl ₂ .
Concentration	1 mg active conjugate/ml
Conjugate	Texas Red
Color of Fluorescence	Red
Sugar Specificity	[GlcNAc]1-3, N-Acetylglucosamine

