



Lycopersicon Esculentum (Tomato) Lectin (LEL, TL), DyLight® 649

Product Images



Short Description

Tomato lectin (from *Lycopersicon esculentum*) is an effective marker of blood vessels and microglial cells in rodents. Conjugation of the lectin with a fluorophore facilitates fast, one-step detection and visualization using intravascular perfusion methods or direct application to tissue sections.

DyLight® 649 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.

- Excitation maximum: 655 nm
- Emission maximum: 670 nm
- Color: Far red

Additional Information

Unit Size	1 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 µg/ml. If a precipitate forms upon long-term storage, warm to 37 °C.
Recommended Storage	2-8 °C
Maximum Excitation	655 nm
Maximum Emission	670 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	DyLight 649
Color of Fluorescence	Red
Sugar Specificity	[GlcNAc]1-3, N-Acetylglucosamine

