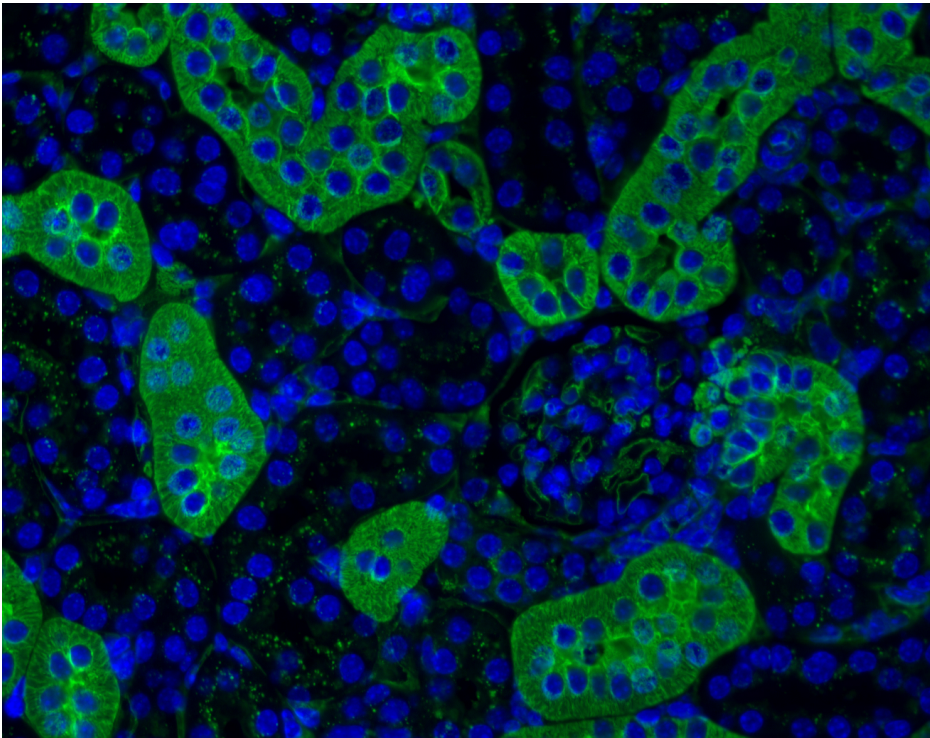




Lycopersicon Esculentum (Tomato) Lectin (LEL, TL), DyLight™ 488

DL-1174-1

[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™ 488 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 493 nm and the emission maximum is at 518 nm.

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	493 nm
Maximum Emission	518 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 488
Color of Fluorescence	Green
Sugar Specificity	[GlcNAc]1-3, N-Acetylglucosamine

