



CERTIFICATE OF ANALYSIS

Product FLUORESCHEIN *RICINUS COMMUNIS* AGGLUTININ I (RCA 120)
AFFINITY PURIFIED

Catalog No. FL-1081

Amount 5 mg

Lot No. ZF0529

Concentration 5.0 mg/ml

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca⁺⁺

Free Fluorescein None

F/P (molar) 5.9

Maximum Excitation @ 495-500 nm

Maximum Emission @ 514-521 nm

Active Conjugate 99%

Storage Conditions Refrigerate in the dark. If a precipitate occurs during storage, warm solutions to 37 °C before removing aliquots.

Other Remarks:

The recommended concentration range for use is 5-20 µg/ml.

EXERCISE CAUTIONS IN THE USE OF THIS LECTIN! It has been found to have moderate toxicity in some animal models, but its toxicity to humans has not been fully determined, and a related protein, RCA₆₀, is highly toxic to humans. Never pipet solutions of this lectin by mouth.

DO NOT LYOPHILIZE!

Inhibiting/Eluting Sugar: 200 mM galactose (S-9003) or lactose (S-9004).

For immunofluorescence applications, we recommend that sections be mounted in VECTASHIELD[®] HardSet[™] Mounting Medium (H-1400) or VECTASHIELD[®] HardSet[™] Mounting Medium with DAPI (H-1500).