



CERTIFICATE OF ANALYSIS

Product **RHODAMINE *RICINUS COMMUNIS* AGGLUTININ I (RCA 120)**

Catalog No. RL-1082

Amount 5 mg active conjugate

Lot No. ZE0723

Concentration 5 mg/ml active conjugate

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

Free Rhodamine None

F/P (molar) 4.3

Maximum Excitation @ 545-555 nm

Maximum Emission @ 570-580 nm

Storage Conditions Refrigerate in the dark

Other Remarks:

A precipitate may form during storage. This does not have a significant adverse effect on the product. If a precipitate forms upon long-term storage at 4 °C, warm to 37 °C and centrifuge before use.

For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.

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 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).