



Ricinus Communis Agglutinin I (RCA I, RCA120), Biotinylated

B-1085-5

[Product Images](#)



Short Description

This lectin consists of two subunits of 60 kDa which can be dissociated by reducing agents into closely related chains between 27 kDa and 33 kDa. One of the chains appears to be common to the "B" chain of another castor bean lectin, ricin, while the other chain is unique to RCA I. The B chain binds to galactose or N-acetylgalactosamine residues of membrane glycoconjugates.

Biotinylated RCA I has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

Additional Information

Unit Size	5 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs
Recommended Usage	For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.
Recommended Storage	2-8 °C; DO NOT FREEZE
Inhibiting and/or Eluting Sugar	Inhibiting/Eluting Sugar: 200 mM galactose (S-9003) or lactose (S-9004).
Solution	10 mM sodium phosphate, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 5 mM lactose
Concentration	5 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	Galactose, Lactose

