Active Native Ricinus Communis Agglutinin I Protein, Biotinylated

Cat. No. Lectin-1831R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Ricinus Communis Agglutinin I and has sugar specificity against galactose and lactose.
Species	Ricinus Communis
Source	Ricinus Communis
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.
Form	10 mM phosphate, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.
Bio-activity	Inhibiting/Eluting Sugar: 200 mM galactose or lactose Carbohydrate-Binding Specificity: Galactose, Lactose.
Molecular Mass	120 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs
Usage	1, EXERCISE CAUTION IN ITS USE! It has been found to have moderate toxicity in

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	some animal models, but its toxicity to humans has not been fully determined, and a related protein, RCA 60, is highly toxic to humans. Never pipet solutions of this lectin by mouth. DO NOT LYOPHILIZE! 2, The recommended concentration range for use is 5-20 μg/ml.
Storage	Refrigerate. DO NOT FREEZE.
Concentration	5.0 mg/ml

GENE INFORMATION

Synonyms	Lectin; RCA I; RCA 120
UniProt ID	P02879

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA