

Active Native Erythrina Cristagalli Lectin Protein, Biotinylated

Cat. No. Lectin-1773E Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Erythrina Cristagalli Lectin and has sugar specificity to Galactose, N-Acetylgalactosamine, and Lactose.
Species	Erythrina cristagalli
Source	Erythrina cristagalli
Description	Erythrina cristagalli lectin consists of two different subunits of approximately 28 kDa and 26 kDa. The carbohydrate structure to which ECL binds is frequently found in membrane and serum glycoproteins of mammalian origin. Sialic acid substitution on this structure appears to prevent the lectin from binding. This specificity offers an opportunity to utilize agarose bound ECL to isolate or fractionate mammalian glycoproteins.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.1 mM Ca ²⁺ , 0.08% sodium azide.
Bio-activity	Inhibiting/Eluting Sugar: 200 mM lactose
Molecular Mass	54 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications we recommend a freshly prepared working solution of 5-20 g/ml.

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 45-1 Ramsey Road, Shirley, NY 11967, USA



Storage	Refrigerate; for long term storage, aliquots may be stored frozen. or refrigerated
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Concentration	5 mg/ml
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GENE INFORMATION

Synonyms	Lectin; ECL; ECA
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UniProt ID	P83410
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