

Active Native Erythrina Cristagalli Lectin Protein, Fluorescein labeled

Cat. No. Lectin-1774E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Fluorescein labeled 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, 0.08% sodium azide, 0.1 mM Ca ²⁺
Bio-activity	Inhibiting/Eluting Sugar: 200 mM lactose
Molecular Mass	54 kDa
Applications	Immunofluorescence, Glycobiology
Usage	For most applications we recommend a freshly prepared working solution of 5-20 g/ml.

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Storage

Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.

Concentration

5 mg/ml active conjugate

GENE INFORMATION**Synonyms**

Lectin; ECL; ECA

UniProt ID

[P83410](#)

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