

# Active Native Erythrina Cristagalli Lectin Protein, Fluorescein labeled

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

## SPECIFICATION

<b>Product Overview</b>	This product is the Fluorescein labeled Erythrina Cristagalli Lectin and has sugar specificity to Galactose, N-Acetylgalactosamine, and Lactose.
<b>Species</b>	Erythrina cristagalli
<b>Source</b>	Erythrina cristagalli
<b>Description</b>	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.
<b>Form</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup>
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 200 mM lactose
<b>Molecular Mass</b>	54 kDa
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Usage</b>	For most applications we recommend a freshly prepared working solution of 5-20 g/ml.

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<b>Storage</b>	Refrigerate in the dark. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade. and centrifuge before use.
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<b>Concentration</b>	5 mg/ml active conjugate
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## GENE INFORMATION

<b>Synonyms</b>	Lectin; ECL; ECA
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<b>UniProt ID</b>	<a href="#">P83410</a>
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