Native Coral tree Erythrina cristagalli Lectin (ECL/ECA), FITC-Conjugated

Cat. No. ECL/ECA-304C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Coral tree Erythrina cristagalli Lectin (ECL/ECA) - FITC (Fluorescein) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: Ca++, Mn++, Zn++ Excitation: 495 nm Emission: 515 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Green
Species	Coral tree
Source	Coral tree
Description	Erythrina cristagalli lectin or agglutinin (ECL/ECA) is affinity purified lectin consists of two subunits with molecular weights of 28,000 and 26,000. ECL binds to carbohydrate structure in membrane and serum glycoproteins of mammalian cells. Lectin binding activity can be abolition through salic acid substitution. This allows for specificity to fractionate and isolate mammalian glycoproteins. Erythrina cristagalli (Coral tree) Lectin (ECL/ECA) is labeled with fluorescein isothiocyanate (FITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. FITC conjugates have been used in a variety of

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	immunohistochemical and flow cytometry applications.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	5 mg/mL

GENE INFORMATION

Official Symbol	ECL/ECA
Synonyms	Erythrina cristagalli Lectin; ECL/ECA

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