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

Cat. No. ECL/ECA-354C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Coral tree Erythrina cristagalli Lectin (ECL/ECA) - HRP (Horseradish Peroxidase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ4GlcNAc Inhibiting or Eluting Sugar: Lactose Divalent Ions: Ca++, Mn++, Zn++ Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
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. Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes the oxidation of substrates by hydrogen peroxide, resulting in a colored or fluorescent product or release of light as a byproduct of the reaction. It is most commonly used for blotting, immunoassays and immunohistochemistry methods. Erythrina cristagalli (Coral tree) Lectin (ECL/ECA) is conjugated to HRP at an appropriate ratio to provide optimal staining characteristics.

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

Form	Liquid
Molecular Mass	54 kDa
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

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

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