

Erythrina cristagalli Lectin (ECL/ECA) - Texas Red

Cat PL00133

Size 2 mg/5 mg

Sugar Specificity

Gal β 4GlcNAc

Description

Texas red is a red fluorescent dye that, when combined with moss (Coralline) lectin (ECL/ECA), can show the binding pattern of this lectin in cell imaging applications. There is little overlap between the emission spectra of Texas Red and FITC, making this combination ideal for double-labeling experiments. Rhodamine dyes, such as Texas red, have better light stability and are less sensitive to pH changes than other dyes such as fluorescein.

Abbreviation

ECL/ECA

Material Source

Coral tree

Conjugate

Texas Red

Concentration

5 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

Gal β 4GlcNAc

Inhibiting or Eluting Sugar

Lactose

Divalent Ions

Ca⁺⁺, Mn⁺⁺, Zn⁺⁺

Mitogenic Activity

Yes

Format

Liquid

Storage

-20°C

Excitation

595 nm

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *PL00133*

Size *2 mg/5 mg*

Emission

615 nm

Fluorescence

Red

Hazardous Shipping

Non-hazardous

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