Native Lentil Lens culinaris Lectin (LCA/LCH), Texas Red-Conjugated

Cat. No. LCA/LCH-547L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Lentil Lens culinaris Lectin (LCA/LCH) - Texas Red Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside + α-Methylglucoside Divalent Ions: Ca++, Mn++ Excitation: 595 nm Emission: 615 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Red
Species	Lentil
Source	Lentil
Description	Texas Red is a red-fluorescent dye and when bound to Lens culinaris (Lentil) Lectin (LCA/LCH) can show the binding pattern of this lectin in cellular imaging applications. There is very little overlap between the emission spectra of Texas Red and FITC making this combination ideal for dual-labeling experiments. Rhodamine dyes, such as Texas Red, are more photostable and less sensitive to pH change when compared to other dyes such as fluorescein.
Form	Liquid

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Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	5 mg/mL

GENE INFORMATION

Official Symbol	LCA/LCH
Synonyms	Lens culinaris Lectin; LCA/LCH

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