Native Tassle flower Amaranthus caudatus Lectin (ACL/ACA), Texas Red-Conjugated

Cat. No. ACL/ACA-530T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Tassle flower Amaranthus caudatus Lectin (ACL/ACA) - Texas Red Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Disialyzed Fetuin Divalent Ions: None Required Excitation: 595 nm Emission: 615 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Red
Species	Tassle flower
Source	Tassle flower
Description	Affinity-purified Amaranthus caudatus (ACL/ACA) is a dimer glycoprotein made up of two subunits. It does not have specificity for blood groups but does have a higher affinity for type O erythrocytes over B and A. Texas Red is a red-fluorescent dye and when bound to Amaranthus caudatus Lectin (ACL/ACA) 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.

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Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	ACL/ACA
Synonyms	Amaranthus caudatus Lectin; ACL/ACA

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