Native Tassle flower Amaranthus caudatus Lectin (ACL/ACA), Cy3-Conjugated

Cat. No. ACL/ACA-150T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Tassle flower Amaranthus caudatus Lectin (ACL/ACA) - Cy3 Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Disialyzed Fetuin Divalent Ions: None Required Excitation: 550 nm Emission: 570 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Orange
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. Cy3 can be used to viualize the binding pattern of Amaranthus caudatus Lectin (ACL/ACA) in cellular imaging and flow cytometry. Cy3 is more photostable than many other flourophores and can be seen with TRITC filter sets. It is commonly combined with green-fluorescent dyes for dual-labeling.

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

GENE INFORMATION

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

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