Native Spindle tree Euonymus europaeus Lectin (EEL/EEA), TRITC-Conjugated

Cat. No. EEL/EEA-490S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Spindle tree Euonymus europaeus Lectin (EEL/EEA) - TRITC (Rhodamine) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galα3Gal Inhibiting or Eluting Sugar: Lactose Divalent Ions: Ca++, Zn++ Excitation: 545-555 nm Emission: 570-580 nm Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous Fluorescence: Orange
Species	Spindle tree
Source	Spindle tree
Description	Affinity purified Euonymus europaeus lectin or agglutinin (EEL/EEA) is composed with most of the subunits that appear to consist of two chains linked by disulfide bonds. EEL consists of six closely related lectins (isoforms). EEL is identified for its erythrocyte agglutinating properties and specificity for blood groups B and H. It has a stronger binding of the H trisaccharide over the B trisaccharide, but has a general pattern of interacting with both B and H blood groups and α-mannose-terminated saccharides. EEL has a preferential recognition of terminal α-fucose residues in H and B blood group-related carbohydrates. This lectin binds to endothelial cells from

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	human and non-human sources and recognizes carbohydrate structures on the surface of stimulated murine peritoneal lymphoid cells. Euonymus europaeus Lectin (EEL/EEA) is labeled with tetramethylrhodamine isothiocyanate (TRITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. TRITC is a bright orange or red-fluorescent dye with excitation ideally suited to the 532-nm laser line. TRITC labeled EEL/EEA can be used for cellular imaging applications.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	2 mg/mL

GENE INFORMATION

Official Symbol	EEL/EEA
Synonyms	Euonymus europaeus Lectin; EEL/EEA

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