

Active Native Ulex Europaeus Agglutinin I Protein, Rhodamine labeled

Cat. No. Lectin-1734U **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Ulex Europaeus Agglutinin I and has sugar specificity against fucose and arabinose. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.
Species	Ulex Europaeus
Source	Ulex Europaeus
Description	Ulex europaeus agglutinin I binds to many glycoproteins and glycolipids containing α -linked fucose residues, such as ABO blood group glycoconjugates. This lectin preferentially binds blood group O cells and has been used to determine secretor status. It has been established as an excellent marker for human endothelial cells.
Form	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08 % sodium azide,
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose Carbohydrate-Binding Specificity: Fucose and Arabinose
Molecular Mass	63 kDa
Applications	Immunofluorescence, Glycobiology
Storage	Refrigerate in the dark. If precipitate forms upon long term storage, warm to 37 centigrade. A precipitate may form during storage. This does not have a significant

 Tel: 1-631-559-9269 1-516-512-3133

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adverse effect on the product. If a precipitate forms upon long-term storage at 4 centigrade, warm to 37 centigrade.

Concentration	2.0 mg/ml
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GENE INFORMATION

Synonyms	Lectin; UEA I
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UniProt ID	P22972
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