

# Active Native Ulex Europaeus Agglutinin I Protein, Fluorescein labeled

**Cat. No.** Lectin-1853U    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | This product is the Fluorescein labeled Ulex Europaeus Agglutinin I and has sugar specificity against fucose and arabinose. The excitation maximum is at 495 nm and the emission maximum is at 515 nm.                                                                                                                                         |
| <b>Species</b>          | Ulex Europaeus                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Ulex Europaeus                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Ulex europaeus agglutinin I binds to many glycoproteins and glycolipids containing $\alpha$ -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. |
| <b>Form</b>             | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM Ca <sup>2+</sup>                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>     | Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 63 kDa                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>     | Immunofluorescence, Glycobiology                                                                                                                                                                                                                                                                                                               |
| <b>Usage</b>            | The recommended concentration range for use is 5-20 $\mu$ g/ml.                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Refrigerate in the dark.                                                                                                                                                                                                                                                                                                                       |

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|----------------------|--------------------------|
| <b>Concentration</b> | 2 mg/ml active conjugate |
|----------------------|--------------------------|

## GENE INFORMATION

|                 |               |
|-----------------|---------------|
| <b>Synonyms</b> | Lectin; UEA I |
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|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">P22972</a> |
|-------------------|------------------------|

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