

Active Native Ulex Europaeus Agglutinin I Protein, Biotinylated

Cat. No. Lectin-1850U **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Ulex Europaeus Agglutinin I and has sugar specificity against fucose and arabinose.
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, pH 7.5, 0.15 M NaCl, 0.1 mM Ca ²⁺ , 0.08% sodium azide.
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Molecular Mass	63 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Usage	For most applications we recommend a freshly prepared working solution of 5-20 g/ml.
Storage	Refrigerate; for long term storage, aliquots may be stored frozen.

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Concentration	2 mg/ml
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GENE INFORMATION

Synonyms	Lectin; UEA I
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UniProt ID	P22972
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