

Active Native Ulex Europaeus Agglutinin I Protein

Cat. No. Lectin-1854U Lot. No. (See product label)

SPECIFICATION

Product Overview	This product is the Unconjugated 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.
Bio-activity	Inhibiting/Eluting Sugar: 50 mM - 100 mM L-fucose
Molecular Mass	63 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology
Reconstitution	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 7.5 - 8.5, 0.1 mM Ca ²⁺ is recommended. For preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION

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Synonyms	Lectin; UEA I
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UniProt ID	P22972
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