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ULEX EUROPAEUS AGGLUTININ I (UEA I), RHODAMINE

SKU: RL-1062-2



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.

Rhodamine labeled *Ulex europaeus* agglutinin I has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.

SPECIFICATIONS

Molecular Weight	63
Color of Fluorescence	Red

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Extinction Coefficient	1.3
Formulation	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide
Inhibiting or Eluting Sugar	L-Fucose
Maximum Emission	570-580 nm
Maximum Excitation	545-555 nm
Unit Size	2 mg
Storage Instructions	2-8 °C
Sugar Specificity	α1,2-linked fucose
Usage Summary	The recommended concentration range for use is 5-20 µg/ml.
Applications	Immunofluorescence, Glycobiology
Concentration	2 mg active conjugate/ml
Conjugate	Rhodamine

TECHNICAL INFORMATION

Accompanying each fluorescent lectin is an analysis data sheet summarizing the results of our quality control tests and providing pertinent information on the product. All of these reagents are supplied as solutions preserved with sodium azide.

Inhibiting/Eluting Sugar: 50 mM – 100 mM L-fucose

CITATIONS

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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

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