



# ULEX EUROPAEUS AGGLUTININ I (UEA I), RHODAMINE

**SKU:** RL-1062-2



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## DESCRIPTION

*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.

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

<b>Molecular Weight</b>	63
<b>Color of Fluorescence</b>	Red

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<b>Extinction Coefficient</b>	1.3
<b>Formulation</b>	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide
<b>Inhibiting or Eluting Sugar</b>	L-Fucose
<b>Maximum Emission</b>	570-580 nm
<b>Maximum Excitation</b>	545-555 nm
<b>Unit Size</b>	2 mg
<b>Storage Instructions</b>	2-8 °C
<b>Sugar Specificity</b>	$\alpha$ 1,2-linked fucose
<b>Usage Summary</b>	The recommended concentration range for use is 5-20 $\mu$ g/ml.
<b>Applications</b>	Immunofluorescence, Glycobiology
<b>Concentration</b>	2 mg active conjugate/ml
<b>Conjugate</b>	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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## GALLERY IMAGES



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[Ulex Europaeus Agglutinin I \(UEA I\), Rhodamine](https://vectorlabs.com/products/rhodamine-ulex-europaeus-agglutinin-i/)

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