



# Ulex Europaeus Agglutinin I (UEA I), Fluorescein

## FL-1061

Product Images



## Short 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.

Fluorescein 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.

- Excitation maximum: 495 nm
- Emission maximum: 515 nm
- Color: Green

## Additional Information

Unit Size	2 mg, 5 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 $\mu$ g/ml.
Recommended Storage	2-8 °C
Maximum Excitation	495-500 nm
Maximum Emission	514-521 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM $\text{CaCl}_2$
Concentration	FL-1061-2 (2 mg active conjugate/ml) FL-1061-5 (5 mg active conjugate/ml)
Conjugate	Fluorescein
Color of Fluorescence	Green
Sugar Specificity	Fucose, Arabinose

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