

UEA I Lectin (FITC)

Cat. No. GTX01512

Applications	ICC/IF
Species	Ulex europaeus

References (12)
Package
500 µg

PRODUCT

Summary

The anti-H (O) hemagglutinating activity of Ulex europaeus has been used widely to confirm blood group O activity. UEA I binds to many glycoproteins and glycolipids containing α -linked fucose residue. The purified lectin appears to be a dimer of two distinct polypeptide chains associated by noncovalent forces. This lectin does not react with Lea active blood group substance. The native protein has pI=6.0-6.1 and exhibits a Molecular weight 60,000-68,000 during gel filtration on Sephadex column.

Applications

Product Note Fucose blood group H

Properties

Form Liquid

Buffer 10mM Phosphate, 150mM NaCl, 0.1mM CaCl₂

Preservative 0.05% Sodium azide

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence Native Protein

Expression System Native Protein

Purification Purified from Ulex europaeus

Conjugation Fluorescein isothiocyanate (FITC) [Wavelength](#)
Absorption : 490 nm ; Emission : 520 nm. Ratio : 1.0-1.4 molecules FITC (isomer 1) per Lectin molecule.

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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