

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.

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