

Datasheet for ABIN1694375

anti-Ulex Europaeus Lectin 1 antibody (AA 101-200) (AbBy Fluor® 350)



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Overview

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| Quantity: | 100 µL |
| Target: | Ulex Europaeus Lectin 1 |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Plant, Ulex europaeus (Furze) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Ulex Europaeus Lectin 1 antibody is conjugated to AbBy Fluor® 350 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from Ulex europaeus (Furze) Anti-H(O) lectin 1 |
| Isotype: | IgG |
| Cross-Reactivity: | Plant |
| Cross-Reactivity (Details): | Ulex europaeus |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Ulex Europaeus Lectin 1 |
| Abstract: | Ulex Europaeus Lectin 1 Products |

Target Details

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| Background: | <p>Synonyms: UEA 1, UEA I, UEA-I, UEAI, UEA1, UEA-1, UEA1, Ulex europaeus agglutinin, Anti HO lectin 1, Anti HO lectin I, Anti-H(O) lectin 1.</p> <p>Background: Ulex Europaeus is a European gorse shrub with fragrant golden-yellow flowers. Ulex Europaeus-I Lectin is a 46 kDa glycoprotein known to interact with -L fucosyl residues in oligosaccharides present on the membranes of human blood group O erythrocytes, human endothelial cells and a variety of human and animal epithelial cells. This antibody reacts with Ulex Europaeus Lectin 1 bound to human endothelial cells of normal and neoplastic blood and lymphatic vesicles. It also reacts with human epithelia such as in the colon, bronchus, epidermis, sweat gland ducts and hair follicles. It also reacts with for Ulex Europaeus Lectin 1 bound to vascular endothelium and squamous epithelium of human tonsil. While erythrocytes may be stained, no other tonsillar elements are reactive with the antibody. This antibody may be useful in the detection of vascular tumors, the investigation of vascular invasion by tumor cells, for determination of Ulex Europaeus Lectin 1 binding to normal, embryonal, dysplastic and neoplastic epithelial and the study of storage diseases such as fucosidosis.</p> |
| UniProt: | P22972 |

Application Details

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |

Handling

Expiry Date: 12 months