

**Datasheet 2021/06/22**

**Product Name:** *Anti-Heteroxylan [LM10] Antibody*

**Catalog Number:** *ELD016*

**Size:** *5mL*

**Specifications:**

*Product Type: Antibody*

*Antigen: Heteroxylan*

*Isotype: IgG2c*

*Clonality: Monoclonal*

*Clone Name: LM10*

*Reactivity: Land plants*

*Immunogen: Neoglycoprotein (xylopentaose-BSA)*

*Species Immunized: Rat*

*Epitope: Beta-1,4-xylan*

*Buffer: Cell Culture Supernatant, 0.05% Sodium Azide*

*Tested Applications: IF (1:10), ELISA (1:10)*

*Storage: +4C (short term), -20C (long term)*

*Shipped: Ambient temperature*

**Provider:** *From the laboratory of [Paul Knox, PhD](#), University of Leeds.*

**References:**

1. McCartney L, Marcus SE, Knox JP. Monoclonal antibodies to plant cell wall xylans and arabinoxylans. *J Histochem Cytochem.* 2005 Apr;53(4):543-6.
2. Ruprecht C, Bartetzko MP, Senf D, Dallabernardina P, Boos I, Andersen MCF, Kotake T, Knox JP, Hahn MG, Clausen MH, Pfrengle F (2017) A synthetic glycan microarray enables epitope mapping of plant cell wall glycan-directed antibodies. *Plant Physiology* <https://doi.org/10.1104/p.17.00737>

*If you publish research with this product, please [let us know](#) so we can cite your paper.*

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