

Datasheet 2021/06/22

Product Name: *Anti-Pectic polysaccharide (Homogalacturonan) [LM7] Antibody*

Catalog Number: *ELD006*

Size: *5mL*

Specifications:

Product Type: Antibody

Antigen: Pectic polysaccharide. Homogalacturonan

Isotype: IgM

Clonality: Monoclonal

Clone Name: LM7

Reactivity: Land plants

Immunogen: Polysaccharide

Species Immunized: Rat

Epitope: Partially methyl esterified homogalacturonan

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. Willats WG, Orfila C, Limberg G, Buchholt HC, van Alebeek GJ, Voragen AG, Marcus SE, Christensen TM, Mikkelsen JD, Murray BS, Knox JP. Modulation of the degree and pattern of methyl-esterification of pectic homogalacturonan in plant cell walls. Implications for pectin methyl esterase action, matrix properties, and cell adhesion. *J Biol Chem.* 2001 Jun 1;276(22):19404-13.*
- 2. Clausen MH, Willats WG, Knox JP. Synthetic methyl hexagalacturonate hapten inhibitors of anti-homogalacturonan monoclonal antibodies LM7, JIM5 and JIM7. *Carbohydr Res.* 2003 Aug 12;338(17):1797-800.*

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