

Product no **AS18 4196-1ml****Anti-Pectic polysaccharide, homogalacturonan (monoclonal, clone LM7)****Product information****Immunogen** | Pectic polysaccharide, Homogalacturonan,**Host** | Rat**Clonality** | Monoclonal**Subclass/isotype** | IgM**Purity** | Cell culture supernatant.**Format** | Liquid**Quantity** | 1 ml**Storage** | Store at +4 °C (short term) and at -20 °C (long term). Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from any material adhering to the cap or sides of the tube.**Additional information** | Contains 0.05% Sodium Azide

The antibody recognizes a partially methyl-estrified epitope of HG which results from non-blockwise de-esterification processes.

The antibody does not bind to un-estrified homogalacturonan.

Application information**Recommended dilution** | 1:10 (ELISA, IF)**Confirmed reactivity** | Higher plants, ferns and mosses**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Selected references** | [Zhang et al. \(2022\)](#) Mutation of CESA1 phosphorylation site influences pectin synthesis and methylesterification with a role in seed development, Journal of Plant Physiology, 2022, 153631, ISSN 0176-1617, <https://doi.org/10.1016/j.jplph.2022.153631>.