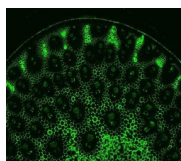


Product no **AS18 4193-1ml****Anti-Pectic polysaccharide, homogalacturonan (monoclonal, clone LM20)****Product information**

Immunogen	Pectic polysaccharide, Homogalacturonan.
Host	Rat
Clonality	Monoclonal
Subclass/isotype	IgM
Format	Cell Culture Supernatant
Quantity	1ml
Storage	Store at +4 °C (short term) and at -20 °C (long term).
Additional information	<p>Make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from any material adhering to the cap or sides of the tubes.</p> <p>Contains 0.05% Sodium Azide</p> <p>Has no known cross-reactivity with other polymers.</p> <p>Binds to methyl esterified homogalacturonan.</p> <p>Does not bind to un-esterified homogalacturonanl.</p>

Application information

Recommended dilution	1:10 (ELISA, IF)
Confirmed reactivity	Higher plants, ferns and mosses
Not reactive in	No confirmed exceptions from predicted reactivity known at the moment.
Selected references	<p>Lima et al. (2024). Seed coat-derived brassinosteroid signaling regulates endosperm development. Nat Commun. 2024 Oct 29;15(1):9352. doi: 10.1038/s41467-024-53671-x.</p> <p>Pan, Li, Liu, Qi et al. (2023) Multi-microscopy techniques combined with FT-IR spectroscopy reveals the histological and biochemical causes leading to fruit texture difference in oriental melon (Cucumis melo var. Makuwa Makino), Food Chemistry, Volume 402, 2023, 134229, ISSN 0308-8146, https://doi.org/10.1016/j.foodchem.2022.134229. (https://www.sciencedirect.com/science/article/pii/S0308814622021914)</p> <p>Verhertbruggen et al. (2009). An extended set of monoclonal antibodies to pectic homogalacturonan. Carbohydr Res. 2009 Sep 28;344(14):1858-62.doi: 10.1016/j.carres.2008.11.010.</p>



Immunofluorescence method described in:

An extended set of monoclonal antibodies to pectic homogalacturonan.

Yves Verhertbruggen, Susan E. Marcus, Ash Haeger, José J. Ordaz-Ortiz, J. Paul Knox, Carbohydrate research 344 (2009) 1858-1862.