

Product no **AS18 4195-1ml****Pectic polysaccharide, homogalacturonan (monoclonal, clone JIM7)****Product information**

Immunogen	Pectic polysaccharide, Homogalacturonan,
Host	Rat
Clonality	Monoclonal
Subclass/isotype	IgA
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 Has no known cross-reactivity with other polymers. Binds to methyl esterified homogalacturonan. Does not bind to un-esterified homogalacturonan. This antibody is a good marker for pectic 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	Lj et al. (2023) . Single-Cell Transcriptome Atlas and Regulatory Dynamics in Developing Cotton Anthers. <i>Adv Sci (Weinh)</i> . 2023 Nov 17:e2304017. doi: 10.1002/adv.202304017. Clausen et al. (2003) . Synthetic methyl hexagalacturonate hapten inhibitors of anti-homogalacturonan monoclonal antibodies LM7, JIM5 and JIM7. <i>Carbohydr Res.</i> 003 Aug 12;338(17):1797-800.doi: 10.1016/s0008-6215(03)00272-6. Knox et al. (1990) . Pectin esterification is spatially regulated both within cell walls and between developing tissues of root apices. <i>Planta.</i> 1990 Jul;181(4):512-21.doi: 0.1007/BF00193004.