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Product no AS18 4201-1ml

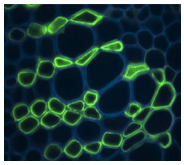
Pectic polysaccharide, Rhamnogalacturonan (monoclonal, clone LM16)

Product information

Immunogen	Pectic polysaccharide, Rhamnogalacturonan
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).
Additional information	Contains 0.05% Sodium Azide. Reacts with polysaccharide, rhamnogalacturonan-I (RG-I) The binding could be sensitive to galactosidase action and the epitope could involve galactosyl residue(s) on the rhamnogalacturonan backbones. Recognizes a epitope associated with arabinans and can be generated by arabinofuranosidase action and the loss of arabinosyl residues.

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	Verhertbruggen et al. (2009). Developmental complexity of arabinan polysaccharides and their processing in plant cell walls. Plant J. 2009 Aug;59(3):413-25.doi: 0.1111/j.1365-313X.2009.03876.x.



Immunofluorescent visualization of rhamnogalacturonan in *Nicotiana tabacum* stem.
Applied immunolocalization method was as described in Developmental complexity of arabinan polysaccharides and their processing in plant cell walls Verhertbruggen Y, Marcus SE, Haeger A, Verhoef R, Schols HA, McCleary BV, McKee L, Gilbert HJ, Knox JP., The Plant Journal (2009) 59, 413–425.