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Product no AS18 4203-1ml

Anti-Xyloglucan (monoclonal, clone LM15)

Product information

Immunogen	Neoglycoprotein, Xyloglucan
Host	Rat
Clonality	Monoclonal
Subclass/isotype	IgG2c
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 the XXXG motif of land plants xyloglucan. This antibody is directed toward the nonreducing end, with the requirement for the second to last Glc to be substituted with an a-1,6-linked Xyl Ruprecht et al. (2017).

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	Jacquer et al. (2025). A developmental switch controls cell-to-cell transport in roots via pectin-linked plasmodesmata changes. Mol Plant . 2025 Jul 17:S1674-2052(25)00233-3. doi: 10.1016/j.molp.2025.07.004. Ruprecht et al. (2017). A Synthetic Glycan Microarray Enables Epitope Mapping of Plant Cell Wall Glycan-Directed Antibodies. Plant Physiol. 2017 Nov;175(3):1094-1104. doi: 10.1104/pp.17.00737.