

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 α -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.