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Product no AS18 4208-1ml

Anti-Glucuronoxylan (monoclonal, clone LM28)

Product information

Immunogen	Polysaccharide Glucuronoxylan
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. This antibody is made using a complex pectic immunogen. It can recognise glucuronosyl substituted xylans and MeGlcA is not required for recognition.

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	Albornos et al. (2025). Reduction of galactose side chains in type II arabinogalactan alters homogalacturonan methyl esterification in Arabidopsis thaliana seed coat mucilage.Planta. 2025 May 24;262(1):4. doi: 10.1007/s00425-025-04717-x. Cornault et al. (2015). Monoclonal antibodies indicate low-abundance links between heteroxylan and other glycans of plant cell walls. Planta. 2015 ec;242(6):1321-34.doi: 10.1007/s00425-015-2375-4.