

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