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Product no AS16 3135-1ml

Anti-Xylan-1 / Xyloglucan (clone CCRC-M108)

Product information

Immunogen	MeBSA-conjugated *Phormium tenax* xylan.
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	Cell culture supernatant.
Format	Liquid
Quantity	1 ml
Storage	Antibody can be stored up to 1 month at 4°C, and at -80°C for up to 1 year. Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	This antibody recognizes the glycan group of xylan-1

Application information

Recommended dilution	Undiluted or at 1 : 10 (ELISA), (IF), (IHC)
Confirmed reactivity	*Acer pseudoplatanus, Arabidopsis thaliana, Phormium sp., Solanum lycopersicum, Tamarindus indicus*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	CCRC-M108 binds to xylans from Phormium and to non-fucosylated xyloglucans, The epitope is not yet characterized
Selected references	Pattathil et al. (2012). Immunological approaches to plant cell wall and biomass characterization: Glycome Profiling. Methods Mol Biol. 2012;908:61-72.doi: 0.1007/978-1-61779-956-3_6. Patathil et al. (2010). A comprehensive toolkit of plant cell wall glycan-directed monoclonal antibodies. Plant Physiol. 2010 Jun;153(2):514-25.doi: 10.1104/pp.109.151985.