This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS16 3135-1ml Anti-Xylan-1 / Xyloglucan (clone CCRC-M108)

Product information

| Immunogen | MeBSA-conjugated <i>Phormium tenax</i> xylan. |
|-------------------------|--|
| - | Mouse |
| Clonality | Monoclonal |
| Subclass/isotype | lgG1 |
| 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. |

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.

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