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Product no AS16 3227-1ml

Xylan-3 (clone CCRC-M114)

Product information

Immunogen	MeBSA-conjugated *Phormium cookianum* xylan, non-covalent binding.
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgM
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-3

Application information

Recommended dilution	Undiluted or at 1 : 10 (ELISA), (IF), (IHC)
Confirmed reactivity	*Phormium sp., Sorghum sp., Triticum sp., Zea mays*
Predicted reactivity	Species of your interest not listed? Contact us
Not reactive in	Dicot xylans
Additional information	CCRC-M114 binds to *Phormium xylans* and some monocot xylans, but not to dicot xylans among the 54 polysaccharides tested.
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.