

Product no **AS16 3227-1ml****Xylan-3 (clone CCRC-M114)****Product information**

<b>Immunogen</b>	MeBSA-conjugated <i>Phormium cookianum</i> xylan, non-covalent binding.
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Subclass/isotype</b>	IgM
<b>Purity</b>	Cell culture supernatant.
<b>Format</b>	Liquid
<b>Quantity</b>	1 ml
<b>Storage</b>	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.
<b>Additional information</b>	This antibody recognizes the glycan group of xylan-3

**Application information**

<b>Recommended dilution</b>	Undiluted or at 1 : 10 (ELISA), (IF), (IHC)
<b>Confirmed reactivity</b>	<i>Phormium sp.</i> , <i>Sorghum sp.</i> , <i>Triticum sp.</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	Dicot xylans
<b>Additional information</b>	CCRC-M114 binds to <i>Phormium xylans</i> and some monocot xylans, but not to dicot xylans among the 54 polysaccharides tested.
<b>Selected references</b>	<a href="#">Pattathil et al. (2012)</a> . Immunological approaches to plant cell wall and biomass characterization: Glycome Profiling. <i>Methods Mol Biol.</i> 2012;908:61-72.doi: 0.1007/978-1-61779-956-3_6. <a href="#">Patathil et al. (2010)</a> . A comprehensive toolkit of plant cell wall glycan-directed monoclonal antibodies. <i>Plant Physiol.</i> 2010 Jun;153(2):514-25.doi: 10.1104/pp.109.151985.