

**MONOCLONAL ANTIBODY TO  
HETEROXYLAN, GLUCORONOXYLAN  
(LM28)  
(RAT IgM, KAPPA LIGHT)**

FOR RESEARCH PURPOSES ONLY

Cat. No. 600-10

**SPECIFICITY**

This antibody recognizes glucuronosyl substituted xylan in several species.

It recognizes xylan from beechwood (Megazyme P-XYLNBE), larchwood and oat spelts.

This antibody can be used with second stage anti-rat antibodies labelled with gold, FITC, HRP etc.

**USE**

Reconstitute in 150 $\mu$ L of 120mM NaCl.

When reconstituted, the antibody concentration is 1mg/mL in 10mM phosphate buffer (pH 7.2), 0.8% sodium chloride.

In dot blot assays we found the 1mg/mL solution to be 10 to 100x more sensitive than the original *Plant Probes* generated supernatant.

**STORAGE**

This freeze-dried product has been shipped at ambient temperature; however, it should be stored for extended periods at less than 4°C, with desiccant.

Once reconstituted, store at 4°C short term, or at -20°C in aliquots longer term. Do not re-freeze after thawing. Once thawed, store at 4°C.

**REFERENCES**

Cornuault, V., Buffetto, F., Rydahl, M.G., Marcus, S.E., Torode, T.A., Xue, J., Crépeau, M.J., Faria-Blanc, N., Willats, W.G., Dupree, P. and Ralet, M.C. (2015). *Planta*, 242(6): 1321-1334.

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