

MONOCLONAL ANTIBODY TO PECTIC (1→4)-β-D-GALACTAN (LM5) (RAT IgG, KAPPA LIGHT)

FOR RESEARCH PURPOSES ONLY

Cat. No. 600-3

SPECIFICITY

This antibody recognizes linear (1→4)-β-D-galactan at the non-reducing end.

The antibody was generated using a neoglycoprotein (galactotetraose-BSA). It recognizes pectic type 1 galactan (Megazyme # PGAPT) but not gum arabic (Sigma #G9752).

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

USE

Reconstitute in 150μL 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

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