Anti-Rhamnogalacturonan-I (CCRC-M2) Antibody

Catalog: PHY8046

Product Information

Description:	Mouse monoclonal (Clone: CCRC-M2) antibody
Background:	Rhamnogalacturonans (RGs) are a family of related cell wall pectic polysaccharides that contain a repeating backbone of a-D-GalpA-(1,2)-a-L-Rhap-(1).
Immunogen:	Rhamnogalacturonan I/MeBSA complex (Non-covalent)
Isotype:	IgM
Epitope Structure:	Unknown
Form:	Lyophilized
Quantity:	1mL
Purification:	Cell culture supernatant
Reconstitution:	Reconstitution with 1mL of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	ELISA (ELISA), Immunohistochemistry (IHC), Immunofluorescence (IF), undiluted or diluted 1:10 Note: Optimal dilutions/concentrations should be determined by the end user.
Predicted Reactivity:	Dicot plants For more information, please contact tech support at tech@phytoab.com.

Reference:

J. Puhlmann, E. Bucheli, M. J. Swain, N. Dunning, P. Albersheim, A. G. Darvill, and M. G. Hahn. Generation of monoclonal antibodies against plant cell wall polysaccharides. I. Characterization of a monoclonal antibody to a terminal alpha-(1,2)-linked fucosyl-containing epitope. Plant Physiol. 104:699-710, 1994.

Pattathil S, Avci U, Baldwin D, Swennes AG, McGill JA, Popper Z, Bootten T, Albert A, Davis RH, Chennareddy C, Dong R, O'Shea B, Rossi R, Leoff C, Freshour G, Narra R, O'Neil M, York WS, Hahn MG. (2010) A Comprehensive Toolkit of Plant Cell Wall Glycan-Directed Monoclonal Antibodies. Plant Physiol. 153:514-525.