Anti-Xyloglucan (CCRC-M48) Antibody

Catalog: PHY8053

Product Information

Description:	Mouse monoclonal (Clone: CCRC-M48) antibody
Background:	CCRC-M48 binds to galactosylated side-chains of non-fucosylated xyloglucan, and appears to preferentially bind to the galactosylated side-chain closest to the reducing end of xyloglucan oligosaccharide sub-units (XXLG, XLLG).
Immunogen:	Xyloglucan-BSA covalent conjugate
Isotype:	IgG1
Epitope Structure:	XXLG, XLLG
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:

A comprehensive toolkit of plant cell wall glycan-directed monoclonal antibodies, Sivakumar Pattathil [1], Utku Avci, David Baldwin, Alton G Swennes, Janelle A McGill, Zoë Popper, Tracey Bootten, Anathea Albert, Ruth H Davis, Chakravarthy Chennareddy, Ruihua Dong, Beth O'Shea, Ray Rossi, Christine Leoff, Glenn Freshour, Rajesh Narra, Malcolm O'Neil, William S York, Michael G Hahn, Plant Physiol, DOI: 10.1104/pp.109.151985.