LM15 [Anti-Xyloglucan] Antibody (Lot 190305a)

AB-LM15 **04/19**

1. DESCRIPTION:

The LM15, rat, monoclonal antibody was generated using a neoglycoprotein incorporating the xylosylated heptasaccharide from tamarind xyloglucan (XXXG-BSA) and is a high affinity antibody to xylosyl residues in the XXXG motif of xylglucan in several species.

From the laboratory of Paul Knox, PhD, University of Leeds.

This product does not contain fetal bovine serum.

2. SPECIFICATIONS:

Antibody Name	LM15
Antigen	Xyloglucan
Epitope	Xylosyl residues in the XXXG motif of xyloglucan
Conjugate	Unconjugated
Buffer	Serum-free cell culture supernatant, 0.02% sodium azide
Tested Application	Immunofluorescence (1:10); ELISA (1:10)
Positive Control	Xyloglucan (Tamarind) (**P-XYGLN**)
Clonality	Monoclonal
Isotype	IgG2c
Host Species	Rat

3. PROPERTIES:

Form	Liquid
Shipping	Shipped at ambient temperature
Storage	Short term stability: 2-8°C Long term stability: Below -10°C (Avoid freeze/thaw cycles)

4. REFERENCES:

Marcus, S. E., Verhertbruggen, Y., Hervé, C., Ordaz-Ortiz, J. J., Farkas, V,. Pedersen, H. L., Willats, W. G. T. & Knox, J. P. (2008). Pectic homogalacturonan masks abundant sets of xyloglucan epitopes in plant cell walls. *BMC Plant Biology,* **8,** 60.