

ZW00014

JIM14 Antibody for Plant



1ml;500µl

Order	021-34695924 orders@ab-mart.com
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Antibody Name : JIM14

Related Experiments::

Arabidopsis inflorescence stem expansion glycoprofiling

Isotype : IgM

Antibody Type : Monoclonal

Source Animal : Rat

Immunogen : Arabinogalactan protein (AGP2)

Antigen : Arabinogalactan, Arabinogalactan protein

Plant Origin : Carrot (Daucus carota)

Status of Antibody : Hybridoma supernatant

Epitope Structure for Carbohydrate Antigen : unknown

Storage Condition:

Store at 4°C. Stable for 12 months from date of receipt.

M.W. of Protein Antigen(KDa): : 80-100

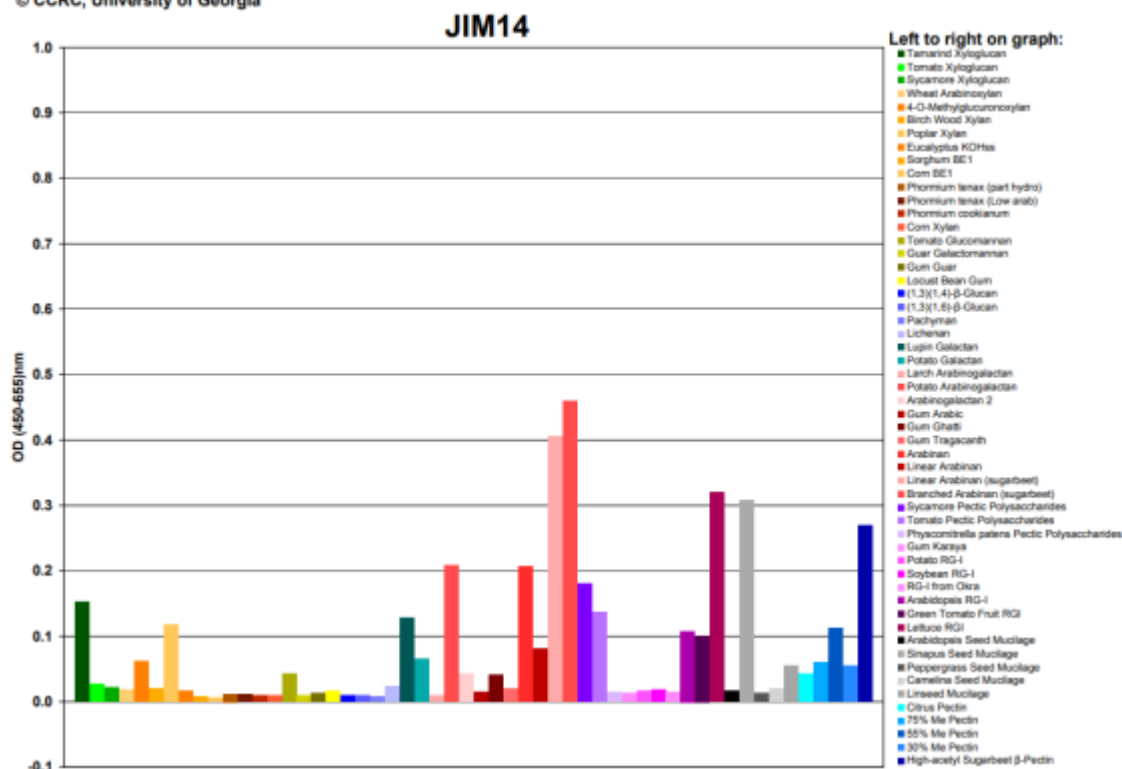
Application: : Neat or diluted 1:10

Comments:

JIM14 binds to rhamnogalacturonan I from sycamore maple and to the exudate gum, gum ghatti. The epitope structure recognized by JIM14 is unknown. Immunolocalization data suggest that JIM14 recognizes an epitope distinct from JIM13 and JIM15. (<http://www.plantprobes.co.uk/>).

Supplier Name : CarboSource

Polysaccharide Cross Reactivity:



References:

J. P. Knox, P. J. Linstead, J. Peart, C. Cooper, and K. Roberts. (1991) Developmentally-regulated epitopes of cell surface arabinogalactan-proteins and their relation to root tissue pattern formation. *Plant Journal* 1:317-326.

E. A. Yates and J. P. Knox. (1994) Investigations into the occurrence of plant cell surface epitopes in exudate gums. *Carbohydr.Polym.* 24:281-286.

E. A. Yates, J.-F. Valdor, S. M. Haslam, H. R. Morris, A. Dell, W. Mackie, and J. P. Knox. (1996) Characterization of carbohydrate structural features recognized by anti-arabinogalactan-protein monoclonal antibodies. *Glycobiology* 6:131-139.

More information: :

<http://glycomics.crc.uga.edu/wall2/jsp/abdetails.jsp?abnumber=31&abname=JIM14>