Pectic polysaccharide, alpha-1,5-arabinan (monoclonal, clone LM13)

CD BioSciences
Plant Protein

Cat *PA00505*

Size *1 ml*

Host
Rat

Clonality
Monoclonal

Confirmed reactivity
Higher plants, ferns and mosses

Immunogen
Pectic polysaccharide, alpha-1,5-arabinan, This antibody is isolated from a high throughput screen of many antibodies generated by immunization with a pectic fraction,

Host
Rat

Clonality
Monoclonal

Purity
Cell culture supernatant.

Format
Liquid

Storage
Store at +4°C (short term) and at -20°C (long term). Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from any material adhering to the cap or sides of the tube.

Application
ELISA (ELISA), Immunoflourescence (IF)

Recommended dilution
1:10 (ELISA, IF)

Confirmed reactivity
Higher plants, ferns and mosses

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

Additional information
Contains 0.05% Sodium Azide.Antibody recognition of arabinans increases with arabinofuranosidase action. Binds to a specific subset of pectic arabinans, and to longer stretches of 1,5-linked arabinosyl residues that are likely to be more abundant in unbranched arabinans.

Description
The plant cell wall surrounds the plant cell, forming a complex network of polysaccharides, including cellulose,

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hemicellulose, pectin polysaccharides, and glycoproteins. Anchored or embedded in the plant cell wall are other polymers, such as lignin, lignin, or cutin. Pectin is the main polysaccharide to construct the pectin matrix of the primary plant cell wall.

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