Pectic polysaccharide, homogalacturonan (monoclonal, clone LM19)

CD BioSciences
Plant Protein

Cat *PA00513*

Size *1 ml*

Host
Rat

Clonality
Monoclonal

Confirmed reactivity
Higher plants, ferns and mosses

Immunogen
Pectic polysaccharide, Homogalacturonan,

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.Has no known cross-reactivity with other polymers.Binds to unesterified homogalacturonan.The antibody recognizes a range of homogalacturonan samples but binds strongly to un-esterified homogalacturonan.

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. Homogalacturonic acid is a pectin polysaccharide linked to α-1,4 galacturonic acid residues. Pectin contains a complex set of polysaccharides that can be found in many primary cell walls.

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