

Pectic polysaccharide, homogalacturonan (monoclonal, clone LM7)

Cat PA00364

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), Immunofluorescence (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 The antibody recognizes a partially methyl-estrified epitope of HG which results from non-blockwise de-estrification processes. The antibody does not bind to un-estrified homogalacturonan.

Description

The plant cell wall surrounds the plant cell, forming a complex network of polysaccharides, including cellulose, hemicellulose, pectin polysaccharides, and glycoproteins. Anchored or embedded in the plant cell wall are other

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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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