

# Pectic polysaccharide, homogalacturonan (monoclonal, clone JIM7)

Cat PA00511

Size 1 ml

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## 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), Immunifluorescence (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 methyl esterified homogalacturonan. Does not bind to un-esterified homogalacturonan. This antibody is a good marker for pectic homogalacturonan.

## Description

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

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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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  $\alpha$ -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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