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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Pectic polysaccharide, alpha-1,5-arabinan, Monoclonal Antibody

CLAS18-4198-1ML

Immunogen: Pectic polysaccharide (alpha-1,5-arabinan), neoglycoprotein (arabinoheptaose-BSA conjugated)

Host: Rat

Clone: LM6

Isotype: IgG

Antibody format: Cell culture supernatant, with 0.05% sodium azide.

Quantity: 1 ml

Storage: Store at +4°C (short term) and at -20°C (long term). Avoid repeated freeze-thaw cycles.

Additional Info: No cross-reactivity with gum arabic. The antibody recognises a linear pentasaccharide in (1-5)- α -L-arabinans. In many species it can also recognise pectic polysaccharides. In some species this antibody could recognize arabinogalactan-proteins (AGPs).

In competitive inhibition ELISAs, antibody is binding to: (1-5)- α -L-arabinan was inhibited (50%) by 40 ng/ml (1-5)- α -L-arabinopentaose and 19 ng/ml (1-5)- α -L-arabinohexaose.

Tested applications: ELISA (ELISA), Immunofluorescence (IF)

Application Information:

Recommended Dilution: 1:10 (ELISA, IF)

Confirmed Reactivity: Higher plants, ferns and mosses

Selected references: Verhertbruggen et al. (2009). Developmental complexity of arabinan polysaccharides and their processing in plant cell walls. Plant J. 2009 Aug;59(3):413-25.doi: 0.1111/j.1365-313X.2009.03876.x.

Laboratory Reagent For Research Use Only

JK 06/03/22

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