

Product no **AS18 4200-1ml****Pectic polysaccharide, alpha-1,5-arabinan (monoclonal, clone LM13)****Product information**

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

Host | Rat

Clonality | Monoclonal

Subclass/isotype | IgM

Purity | Cell culture supernatant.

Format | Liquid

Quantity | 1 ml

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.

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.

Application information

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

Selected references | [Verherbruggen](#) 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.
[Moller](#) et al. (2008). High-throughput screening of monoclonal antibodies against plant cell wall glycans by hierarchical clustering of their carbohydrate microarray. *Plant J.* 2008 Jan;25(1):37-48. doi: 10.1007/s10719-007-9059-7.