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Product no AS18 4207-1ml

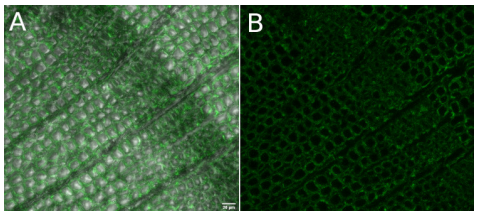
Anti-Heteroxylan (monoclonal, clone LM11)

Product information

Immunogen	Neoglycoprotein (xylopentaose-BSA), Heteroxylan
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).
Additional information	Contains 0.05% Sodium Azide. Binds strongly to wheat arabinoxylan and it can recognise unsubstituted and relatively low-substituted xylans.

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	McCartney et al. (2005). Monoclonal antibodies to plant cell wall xylans and arabinoxylans. J Histochem Cytochem. 2005 Apr;53(4):543-6.doi: 0.1369/jhc.4B6578.2005.



Type of material: Spruce (*Picea abies*) wood frozen in -80ºC Fixation: paraformaldehyde (4%)
Hydrophilization: no
Cell wall digestion: no
Membrane permeabilization: none
Antigen retrieval: no
Blocking buffer: 5% milk in PBS
Washing buffer: 5% milk in PBS-T
Primary antibody: 1:20 incubation 90 minutes at room temperature
Secondary antibodyr: Thermo Fisher Goat anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633 (A-21094)
Co-staining of the nucleus (DAPI): no
Cell wall and nucleus staining: none

Courtesy of Dr. Jan Łyczakowski, Jagiellonian University, Kraków, Poland