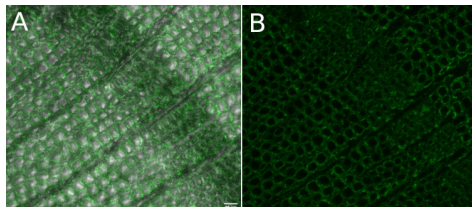


Product no **AS18 4207-1ml****Anti-Heteroxylan (monoclonal, clone LM11)****Product information**

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 -80°C 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 antibody: 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