

Product no **AS18 4211-1ml****Arabinogalactan-protein, AGP (monoclonal, clone LM2)****Product information****Immunogen** | Polysaccharide Arabinogalactan-protein (AGP) from *Oryza sativa***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.

This antibody is made to rice arabinogalactan-proteins (AGPs) and it recognizes a carbohydrate epitope containing B-linked glucuronic acid.

In competitive inhibition ELISAs antibody binding to gum arabic was inhibited (50%) by 70 mg/ml 1-O-methyl-B-D-GlcA.

The binding of the antibody to AGPs can be fully inhibited by 10 mM 1-O-methyl-B-D-GlcA.

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**Additional information** | Antibody is recognizing carbohydrate epitope containing -linked glucuronic acid.

Selected references | [Stacey et al. \(1990\)](#). Patterns of expression of the JIM4 arabinogalactan-protein epitope in cell cultures and during somatic embryogenesis in *Daucus carota* L. *Planta*. 1990 Jan;180(2):285-92.doi: 10.1007/BF00194009.

[Knox et al.\(1991\)](#). Developmentally regulated epitopes of cell surface arabinogalactan proteins and their relation to root tissue pattern formation. *Plant J.* 1991 ov;1(3):317-326.doi: 10.1046/j.1365-313X.1991.t01-9-00999.x.