The LM6 rat monoclonal antibody is a high affinity antibody to (1-5)-α-L-arabinosyl residues found in the arabinan components of certain pectic polymers. (1-5)-α-L-arabinan is often associated with the pectic polymer rhamnogalacturonan-I. The LM6 arabinan epitope is widely found in the cell walls of many plants and can also be present in isolated pectin preparations used for commercial purposes.

**Description:** Lyophilised Rat monoclonal protein-G affinity purified antibody specific for (1-5)-α-L-arabinan

**Immunogen:** Antibody generated using a neoglycoprotein (arabinoheptaose-BSA).

**Antibody Isotype:** IgG

**Antibody Purity:** Protein G Affinity Purified

**Vial Constituents:** Lyophilised monoclonal antibody (50 µg) with stabilizer 20%

**Storage Instructions:** Lyophilised antibody is stable at 4°C when stored with desiccant. Reconstitute lyophilised powder in 100 µl of 18 MΩ H₂O, aliquot and store frozen at -80°C for 1 year. Avoid freeze-thaw cycles.

**Tested Applications:** ELISA and IF 10 µg/ml.

**Specificity:** Antibody recognises arabino-1,5-oligosaccharides and 1,5-arabinan polymers. Antibody does not bind to gum Arabic but it can bind to some arabinogalactan-proteins.