

Arabinogalactan-2 (clone CCRC-M133)

Cat PA00909

Size 1 ml

Host

Mouse

Clonality

Monoclonal

Confirmed reactivity

Acer pseudoplatanus, Arabidopsis thaliana, Lactuca sativa, Lupinus albus, Lupinus sativa, Solanum lycopersicum, Solanum tuberosum

Immunogen

MeBSA-conjugated citrus pectin (galactan),

Host

Mouse

Clonality

Monoclonal

Purity

Cell culture supernatant.

Format

Liquid

Storage

Antibody can be stored up to 1 month at 4°C, and at -80°C for up to 1 year. 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 material adhering to the cap or sides of the tube.

Application

ELISA (ELISA), Immunohistochemistry (IHC), Immunofluorescence (IF)

Recommended dilution

Undiluted or at 1 : 10 (ELISA), (IF), (IHC)

Confirmed reactivity

Acer pseudoplatanus, Arabidopsis thaliana, Lactuca sativa, Lupinus albus, Lupinus sativa, Solanum lycopersicum, Solanum tuberosum

Additional information

This antibody binds to an epitope present in arabinogalactan proteins from potato and lupin. This product can be sold containing ProClin if requested. CCRC-M133 binds strongly to galactans and arabinogalactans

Description

Arabinogalactan is a polymer composed of arabinose and galactose monosaccharides. They are present in plants in the form of free glycans or attached to rhamnose-galactose I or protein skeletons. When combined with proteins, they form arabinogalactan protein (AGP), which acts as an intercellular signaling molecule. AGP can also be used as an adhesive for plant wounds. Arabinogalactan can be used as a food additive or as a starch substitute in food or pharmaceutical products.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
