# Pectic polysaccharide, alpha-1,5-arabinan (monoclonal, clone LM6)



Cat PA00506

Size 1 ml

### Host

Rat

# Clonality

Monoclonal

# **Confirmed reactivity**

Higher plants, ferns and mosses

## **Immunogen**

Pectic polysaccharide (alpha-1,5-arabinan), neoglycoprotein (arabinoheptaose-BSA conjugated),

### **Host**

Rat

# **Clonality**

Monoclonal

# **Purity**

Cell culture supernatant.

### **Format**

Liquid

# **Storage**

Store at +4°C (short term) and at -20°C (long term). 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 any material adhering to the cap or sides of the tube.

# **Application**

ELISA (ELISA), Immunoflourescence (IF)

### **Recommended dilution**

1:10 (ELISA, IF)

# Confirmed reactivity

Higher plants, ferns and mosses

### **Additional information**

Contains 0.05% Sodium AzideNo cross-reactivity with gum arabic. The antibody recognises a linear pentasaccharide in (1-5)- $\alpha$ -L-arabinans. I many species it can also recognise pectic polysaccharides.In some species this antibody could recognize arabinogalactan-proteins (AGPs).In competitive inhibition ELISAs, antibody is binding to: (1-5)- $\alpha$ -L-arabinan is inhibited (50%) by 40 ng/ml (1-5)- $\alpha$ -L-arabinopentaose and 19 ng/ml (1-5)- $\alpha$ -L-arabinohexaose.

# **Description**

The plant cell wall surrounds the plant cell, forming a complex network of polysaccharides, including cellulose, hemicellulose, pectin polysaccharides, and glycoproteins. Anchored or embedded in the plant cell wall are other polymers, such as lignin, lignin, or cutin. Pectin is the main polysaccharide to construct the pectin matrix of the FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 E-mail: info@cd-biosci.com
Tel: 1-631-637-0420 https://www.cd-biosciences.com/plant-protein/

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Cat PA00506

Size 1 ml

primary plant cell wall.

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