

# Anti-Feruloylated polymers [LM12]

**Catalogue number:** 157936

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Paul Knox

**Institute:** University of Leeds

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Feruloylated polymers [LM12]

**Alternate name:** Feruloylated-(1-4)- $\beta$ -D-Galactan

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** In the cell walls of forage grasses, ferulic acid is esterified to arabinoxylans and participates with lignin monomers in oxidative coupling pathways to generate ferulate- $\beta$ -D-glucopyranoside-polysaccharide- $\beta$ -D-glucopyranoside-lignin complexes that cross-link the cell wall (de O. Buanafina et al. (2009) Molecular Plant Vol 2, Issue 5, 861-872).

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:** Rat

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Additional notes:**

**Target:** Feruloylated polymers

**Target alternate names:**

**Target background:** In the cell walls of forage grasses, ferulic acid is esterified to arabinoxylans and participates with lignin monomers in oxidative coupling pathways to generate ferulate-polysaccharide-lignin complexes that cross-link the cell wall (de O. Buanafina et al. (2009) Molecular Plant Vol 2, Issue 5, 861-872).

**Molecular weight:**

**lc50:**

## Applications

### Application:

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

### Atmosphere:

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

### Related tools:

# References

References:

CancerTools.org