

Ractopamine Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1036a**Specification**

Ractopamine Antibody - Product Information

Application	E
Host	Mouse
Clonality	Monoclonal
Isotype	IgG

Description

Ractopamine is a phenylethanolamine β -adrenoceptor agonist that is used for the improvement of weight gain, carcass leanness and feed efficiency in pigs. It has been known for years that ractopamine enhances growth in meat animals by repartitioning nutrients. This means that the nutrients that the animal consumes in its feed are shifted away from being stored as fat and are instead used in lean tissue production. This shift occurs as the animal reaches the top of its growth curve and lean tissue production drops off and fat deposition increases. Fat levels also appear to decrease, due to an increase in lipolysis (fat breakdown). Using the ractopamine monoclonal antibody, it is possible to detect ractopamine and other agonists in urine, muscle and liver both rapidly and with accuracy.

Immunogen

Rac-OVA.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Ractopamine Antibody - Additional Information**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Ractopamine Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Ractopamine Antibody - Protein Information**Ractopamine Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ractopamine Antibody - Images

Ractopamine Antibody - References

1. Knaus, U.G. Science 1991. 254: 1512-1515.
2. Diekmann, D. Nature 1991. 351: 400-402.