

Mouse Monoclonal Antibody to Clenbuterol

Catalogue Number	sAP-0026
Target Molecule	Name: Clenbuterol Aliases: N/A MW: N/A Entrez Gene ID: N/A
Description	Clenbuterol belongs to the group of agonists. In livestock production clenbuterol improves the meat/fat ratio in fattened animals or accelerate the growth. Up to now agonists have not been authorized as adjuvants for fattening. In addition to its lipolytic and anabolic effect, clenbuterol has a relaxing effect on non-striated musculature on which is based its therapeutic use as an antiasthmatic and a tocolytic agent. When employed as a fattening adjuvant, as compared with the therapeutic use, clenbuterol is administered in a 5 to 10 times higher dose. Therefore, it is possible that clenbuterol residues may lead to a risk for consumers after illegal administration. Using the clenbuterol monoclonal antibody, it is possible to detect clenbuterol and other agonists in urine, muscle and liver both rapidly and with accuracy.
Immunogen	Clenbuterol-KLH.
Recitative Species	N/A
Clone	MM1F8B10B7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Exp. Cell Res. 1995. 218: 271-282. ; 2. Int. Immunol. 1994. 6: 1081-1089. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**