

## Salbutamol Conjugated Antibody

Catalog No: #C49739



Package Size: #C49739-AF350 100ul #C49739-AF405 100ul #C49739-AF488 100ul  
 #C49739-AF555 100ul #C49739-AF594 100ul #C49739-AF647 100ul  
 #C49739-AF680 100ul #C49739-AF750 100ul #C49739-Biotin 100ul

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## Description

Product Name	Salbutamol Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Immunogen Description	Salbutamol linked to BSA.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

Salbutamol (albuterol) is a short-acting beta-2 adrenergic receptor agonist commonly used for the relief symptoms associated with asthma and chronic obstructive pulmonary disease. Released in 1968, salbutamol was the first selective beta-2-receptor agonist to be marketed and was an instant success. Salbutamol been used for the treatment of asthma ever since. In agriculture and animal husbandry, the ratio of muscle/fat can be changed to achieve the purpose of increasing fattening and growth of animals. It causes muscle tremor, muscle pain, headache, dizziness, nervousness, heart palpitations, tachycardia, and even nausea, vomiting and other symptoms of poisoning after eating animals containing higher Salbutamol. It is

currently banned in food production because it may remain in the food chain and cause great harm to human health.

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Note: This product is for in vitro research use only