



Mouse Anti-Fenitrothion monoclonal antibody, clone FNT (CABT-L4601)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The antibody recognizes the conjugated form of the small molecule. Antibody specificity was performed by using an ELISA test by competition experiments
Immunogen	Synthetic Fenitrothion conjugated to a carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	FNT
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS only
Preservative	None
Storage	Store -20°C for long term.

Ship

Wet ice

BACKGROUND

Introduction

Fenitrothion is a broad-spectrum organophosphate insecticide with low mammalian toxicity. It is not fully effective against *Rhyzopertha dominica*. This residual insecticide has been used in several countries but is not registered for use in the United States against stored-product insects. It is not covered by patents, and the composition varies among manufacturers. Applications of 5–10 mg/kg can provide protection for nine to 12 months. There is minimal penetration into the grain, so all but 10% of the insecticide is removed by milling and all but 1–2% by cooking.

Keywords

FENITROTHION;Phenitrothion;Sumithion;Methylnitrophos;Folithion;Metathion;Nitrophos
