



# 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

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

## 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

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