



# Mouse Anti-Organic phosphorus monoclonal antibody, clone OP1 (CABT-L4227)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Cross reactivity: Methyl parathion 100%; Fenthion 2.4%; Parathion 1.2%; Coumaphos 0.8%; Azinphos-methyl ethyl 0.6%; Dicrotophos 0.24%; Dichlorvos 0.24% Mevinphos 0.24%; Methyl demeton 0.24%
<b>Immunogen</b>	Organophosphorus with carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	OP1
<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
<b>Preservative</b>	None
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

## BACKGROUND

### Introduction

Organophosphorus compounds are organic compounds containing phosphorus. They are used primarily in pest control as an alternative to chlorinated hydrocarbons that persist in the environment. Some organophosphorus compounds are highly effective insecticides, although some are extremely toxic to man, including sarin and VX nerve agents.

### Keywords

Organophosphorus;Organic phosphorus

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## GENE INFORMATION

### Official Symbol

Organophosphorus compound

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