



Mouse Anti-Isoprothiolane monoclonal antibody, clone IPT (CABT-ZB051)

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

PRODUCT INFORMATION

Target	Isoprothiolane
Immunogen	Isoprothiolane with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	IPT
Purification	Affinity purification
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction

Isoprothiolane is a malonate ester that is diisopropyl malonate in which the two methylene hydrogens at position 2 are replaced by a 1,3-dithiolan-2-ylidene group. An insecticide and fungicide used to control a range of diseases including *Pyricularia oryzae*, *Helminthosporium sigmoideum* and *Fusarium nivale*. It has a role as an insecticide, an environmental contaminant, a phospholipid biosynthesis inhibitor and an antifungal agrochemical. It is a malonate ester, a member of dithiolanes and an isopropyl ester. It derives from a malonic acid. It derives from a hydride of a 1,3-dithiolane.

Keywords

ISOPROTHIOLANE; 50512-35-1; Fudolan; Fujione; IPT (pesticide)

GENE INFORMATION

Synonyms

ISOPROTHIOLANE; 50512-35-1; Fudolan; Fujione; IPT (pesticide)