



Mouse Anti-Alachlor monoclonal antibody, clone AC (CABT-L2565)

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

PRODUCT INFORMATION

Specificity	Alachlor. No cross reactivity with Acetochlor.
Immunogen	Alachlor with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	AC
Purification	Purified from mouse ascites.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	-20°C. Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

Alachlor is an herbicide from the chloroacetanilide family. It is an odorless, white solid. The greatest use of alachlor is for control of annual grasses and broadleaf weeds in crops. It is the second most widely used herbicide in the United States. Use of alachlor is illegal in the European Union. Its mode of action is elongase inhibition, and inhibition of geranylgeranyl pyrophosphate (GGPP) cyclisation enzymes, part of the gibberellin pathway. It is marketed under the trade names Alanex, Bronco, Cannon, Crop Star, Intro, Lariat, Lasso, Micro-Tech and Partner.

Keywords

Alachlore;Alochlor;Pillarzo;Chimiclor;Alanox;