



# 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

<b>Specificity</b>	Alachlor. No cross reactivity with Acetochlor.
<b>Immunogen</b>	Alachlor with carrier protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	AC
<b>Purification</b>	Purified from mouse ascites.
<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>	-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;