



Mouse Anti-Paclobutrazol monoclonal antibody, clone PBZ (CABT-L7801)

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

PRODUCT INFORMATION

Immunogen	Paclobutrazol with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	PBZ
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Introduction

Paclobutrazol (PBZ) is a plant growth retardant and triazole fungicide. It is a known antagonist of the plant hormone gibberellin. It acts by inhibiting gibberellin biosynthesis, reducing internodal growth to give stouter stems, increasing root growth, causing early fruitset and increasing seedset in plants such as tomato[and pepper. PBZ has also been shown to reduce frost sensitivity in plants. Moreover, paclobutrazol can be used as a chemical approach for reducing the risk of lodging in cereal crops.

Keywords

Paclobutrazol; PBZ