



Mouse Anti-Clonidine monoclonal antibody, clone CLD (CABT-L3053)

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

PRODUCT INFORMATION

Immunogen	Clonidine with carrier protein.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	CLD
Purification	Purified from mouse ascites.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	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

Clonidine, an imidazoline-derivative hypotensive agent is a centrally-acting α_2 -adrenergic agonist. It crosses the blood-brain barrier and acts in the hypothalamus to induce a decrease in blood pressure. It may also be administered as an epidural infusion as an adjunct treatment in the management of severe cancer pain that is not relieved by opiate analgesics alone. Clonidine may be used for differential diagnosis of pheochromocytoma in hypertensive patients. Other uses for clonidine include prophylaxis of vascular migraine headaches, treatment of severe dysmenorrhea, management of vasomotor symptoms associated with menopause, rapid detoxification in the management of opiate withdrawal, treatment of alcohol withdrawal used in conjunction with benzodiazepines, management of nicotine dependence, topical use to reduce intraocular pressure in the treatment of open-angle and secondary glaucoma and hemorrhagic glaucoma associated with hypertension, and in the treatment of attention-deficit hyperactivity disorder (ADHD). Clonidine also exhibits some peripheral activity.

Keywords

Chlofazoline;Clonidin;Clonidina;Clonidinum;