



Mouse Anti-Rosiglitazone monoclonal antibody, clone RGTZ (CABT-L1363)

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

PRODUCT INFORMATION

Immunogen	Rosiglitazone with carrier protein.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	RGTZ
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

Rosiglitazone is an anti-diabetic drug in the thiazolidinedione class of drugs. It is marketed by the pharmaceutical company GlaxoSmithKline as a stand-alone drug (Avandia) and in combination with metformin (Avandamet) or with glimepiride (Avandaryl). Like other thiazolidinediones, the mechanism of action of rosiglitazone is by activation of the intracellular receptor class of the peroxisome proliferator-activated receptors (PPARs), specifically PPAR γ . Rosiglitazone is a selective ligand of PPAR γ , and has no PPAR α -binding action. Apart from its effect on insulin resistance, it appears to have an anti-inflammatory effect: nuclear factor kappa-B (NF κ B) levels fall and inhibitor (I κ B) levels increase in patients on rosiglitazone. Recent research has suggested that rosiglitazone may also be of benefit to a subset of patients with Alzheimer's disease not expressing the ApoE4 allele. This is the subject of a clinical trial currently underway.

Keywords

Rosiglitazon;Rosiglitazona;Rosiglitazone;Rosiglitazonum