



Mouse Anti-Equine Interleukin-3 Monoclonal Antibody, clone ITA9eq3 (CABT-Z611E)

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

PRODUCT INFORMATION

Immunogen	Equine IL3
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Equine
Clone	ITA9eq3
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS, pH 7.2, containing 0.09% sodium azide.
Preservative	0.09% sodium azide
Storage	Store at -20°C. Avoid freeze and thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

IL-3 is a potent growth promoting cytokine. This cytokine is a species specific colony stimulating factor which stimulates colony formation of megakaryocytes, neutrophils, and macrophages from bone marrow cultures. Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoieses, phagocytosis and antibodymediated cellular cytotoxicity. Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles. Many of the IL-3 activities depend upon co-stimulation with other cytokines. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. IL-3 has been also shown to possess neurotrophic activity and may be associated with neurologic disorders.

Keywords

IL3;interleukin 3 (colony-stimulating factor, multiple);IL-3;MCGF;MULTI-CSF;MCGF (Mast cell growth factor), Multi-CSF
