



Chimeric Anti-Human IFNG Monoclonal antibody, clone 24F7I5 (CABT-CS611)

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

PRODUCT INFORMATION

Specificity	This product is a specific antibody specifically reacts with IFN- γ , Human. No cross-reactivity is detected with other human cytokines, including IL-2, IL-4, IL-6, IL-10, GM-CSF and TNF-alpha.
Target	IFNG
Isotype	IgG1, kappa
Source/Host	Human
Species Reactivity	Human
Clone	24F7I5
Purification	>95% as determined by SDS-PAGE.
Conjugate	unconjugated
Applications	ELISA, LFIA
Format	Lyophilized
Size	100 μ g
Buffer	Lyophilized from 0.22 μ m filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Preservative	None
Storage	Store at -20 to -70°C for 12 months in lyophilized state from date of receipt; Store at -70°C for 3 months under sterile conditions after reconstitution.

BACKGROUND

Introduction

IFN gamma (Interferon gamma, Type II interferon) is a macrophage activation factor, and immune interferon that is produced primarily by T-lymphocytes and natural killer cells in response to antigens, mitogens, *Staphylococcus enterotoxin B*, phytohemagglutinin and other cytokines. IFN gamma is a dimeric protein consisting of two 146 amino acid subunits. IFN gamma is a glycoprotein that exists, functionally, as a homodimer of approximately 45 kDa.

Keywords

IFNG; interferon, gamma; IFG; IFI; interferon gamma; IFN-gamma; immune interferon