



Human Anti-Human IL-23 (Guselkumab) Monoclonal antibody, clone Guselkumab (CABT-CS583)

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

PRODUCT INFORMATION

Specificity	IL23
Target	IL23
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Guselkumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

Introduction

IL-23 is a heterodimeric cytokine composed of the p40 subunit of IL-12 disulfide-linked with a protein p19. p19, like p35 of IL-12, is biologically inactive by itself. IL-23 interacts with IL-12Rbeta1 and an additional, novel beta2-like receptor subunit with STAT4 binding domain, termed IL-23R. IL-23 is secreted by activated mouse and human dendritic cells. Biological activities of mouse IL-23 are distinct from those of mouse IL-12.

Keywords

IL23; interleukin 23; IL-23; interleukin-23