

IL23A

Mouse Anti-Human IL-23A Clone B-Z23 Azide Free Capture mAb

Catalog No.	CDM409	Quantity:	1.0 mg
Alternate Names:	P19; SGRF; IL-23; IL-23A; IL23P19		
Description:	<p>Mouse Anti-Human IL-23A Clone B-Z23 Azide Free Capture mAb</p> <p>Background: Interleukin 23A is a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by the beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells.</p>		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	51561		
Conjugate:	Unconjugated		
Specificity:	Recognizes both natural and recombinant IL-23, p19 sub-unit		
Host:	Mouse		
Immunogen:	Recombinant IL-23 (sub-unit p19)		
Isotype:	IgG1		
Clone:	B-Z23		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Liquid in PBS. Sterile-filtered through 0.22 µm. Carrier and Preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human IL-23 sandwich immunoassay to detect human IL-23 in combination with biotinylated human IL-23 Detection Antibody (Cat No CDM433). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 2.5 - 5 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

