

## IL23A

### Mouse Anti-Human IL-23A Clone B-F43 Biotin Detection mAb

<b>Catalog No.</b>	CDM433	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	P19; SGRF; IL-23; IL-23A; IL23P19		
<b>Description:</b>	<p>Mouse Anti-Human IL-23A Clone B-F43 Biotin Detection 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>		
<b>Concentration:</b>	0.1 mg / 1.0 ml		
<b>Gene ID:</b>	51561		
<b>Conjugate:</b>	Biotin		
<b>Specificity:</b>	Recognizes both natural and recombinant IL-23, p19 sub-unit		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant IL-23 (sub-unit p19)		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-F43		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c spleen cells		
<b>Formulation:</b>	Liquid in PBS with 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human IL-23 sandwich immunoassay to detect human IL-23 in combination with human IL-23 Capture Antibody (Cat No CDM409). The suggested coating concentration range below should be optimized by each laboratory for each application.		
<b>Application Notes:</b>	ELISA: 0.05-0.5 µg/ml		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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