IL23A
Mouse Anti-Human IL-23A Clone B-Z23 mAb

Catalog No.	CDM115	**Quantity:**	500 µg

Alternate Names: P19, SGRF, IL23P19, IL23

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

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.

Concentration: 1 mg/ml

Gene ID: 51561

Hybridoma: Myeloma X63/AG.8653 x BALB/c spleen cells

Specificity: Recognizes both Native and Recombinant Human IL-23A

Host: Mouse

Immunogen: Recombinant Human IL-23A (p19 subunit)

Isotype: IgG1

Clone: B-Z23

Formulation: Liquid sterile filtered in PBS. Carrier and preservative free.

Purification: Ion exchange chromatography

Applications: NT, IHC-P, ELISA

Application Notes: Neutralizes the bioactivity of recombinant human IL-23 as demonstrated by mouse IL-17 and IL-22 production by C57BL/6 mouse splenocytes.
IHC on paraffin embedded sections.
ELISA: 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).
ELISA Capture Antibody: 2.5 - 5 µg/ml

Storage & Stability: Stable at 2-8°C for 1 year. For longer term, store in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

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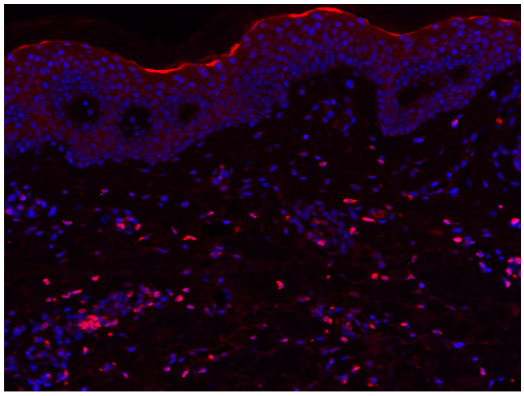
Paraffin section from psoriasis lesion labeled with clone B-Z23 diluted 1:500 (counterstained with DAPI).



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