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IL23A
Mouse Anti-Human IL-23 alpha p19 (Clone B-Z23) mAb, Azide Free

Catalog No.	CDM115A CDM115B CDM115C	**Quantity:**	200 µg 500 µg 1.0 mg

Alternate Names: Interleukin-23 subunit alpha, Interleukin-23 subunit p19, IL-23p19

Description: 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.

UniProt ID: Q9NPF7

Gene ID: 51561

Concentration: 1.0 mg/ml

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

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

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

Isotype: Mouse IgG1κ

Clone: B-Z23

Formulation: Sterile filtered PBS, carrier and preservative free.

Purification: Ion exchange chromatography

Biological Activity: Inhibits the bioactivity of recombinant human IL-23 on C57BL/6 mouse splenocytes, demonstrated by mouse IL-17 and IL-22 production.

Applications: ELISA, IHC-P, Functional Studies

Application Notes: **ELISA:** Use as a Capture Antibody at 2.5 - 5 µg/ml for human IL-23 sandwich ELISA in combination with biotinylated human IL-23 Detection Antibody (Cat No CDM433).

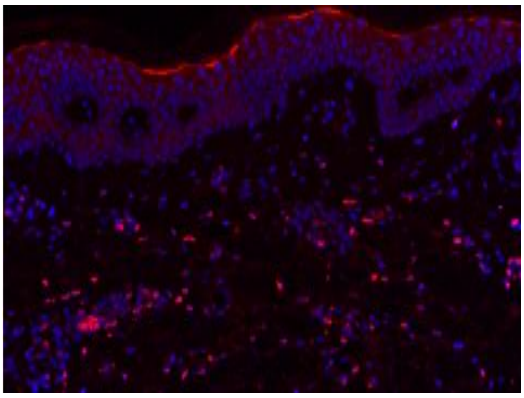
Storage & Stability: Store at 2-8°C for up to 1 year or in working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com

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



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