

IL23a

Mouse Anti-Mouse IL-23A (Clone B-B23) mAb, Azide Free

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|---------------------------------|---|------------------|------------------|
| Catalog No. | CDM451A CDM451B | Quantity: | 200 µg 500 µg |
| Alternate Names: | Interleukin-23 subunit alpha, Interleukin-23 subunit p19, IL-23p19 | | |
| Description: | The mouse monoclonal antibody recognizes mouse IL-23, a heterodimeric cytokine composed of the IL-23A and the p40 subunit of IL-12 (IL12B). The IL-23 receptor is formed by the beta 1 subunit of IL-12 (IL12RB1) and an IL-23 specific subunit, IL-23R. Both IL-23 and IL-12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL-12, which acts mainly on naive CD4+ T cells, IL-23 preferentially acts on memory CD4+ T cells. | | |
| UniProt ID: | Q9EQ14 | | |
| Gene ID: | 83430 | | |
| Concentration: | 1.0 mg/ml | | |
| Specificity: | Recognizes both native and recombinant mouse IL-23A. | | |
| Hybridoma: | Myeloma X63/AG.8653 x C57 Black/6 spleen cells | | |
| Isotype: | Mouse IgG1k | | |
| Immunogen: | Recombinant murine IL-23p19 | | |
| Clone: | B-B23 | | |
| Formulation: | Sterile-filtered PBS, carrier and preservative free. | | |
| Applications: | ELISA | | |
| 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. | | |

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