

# Monoclonal antibody to Human Interleukin-12/-23 (p40)

## BIOTINYLATED

|                       |                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Antibody:</b>      | MT618                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product code:</b>  | 3450-6-1000                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Quantity:</b>      | 1000 µg                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen:</b>     | Recombinant human IL-23                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>       | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Specificity:</b>   | Native and recombinant p40 subunit of human IL-12 and IL-23. The antibody recognises p40 monomer, p40 homodimer, p70 heterodimer (p40+p35) and IL-23 heterodimer (p40+p19). The antibody cross-reacts with native p40 from rhesus and cynomolgus macaques and recombinant p40 from rhesus macaques. Please contact Mabtech for information on reactivity with other monkey species. |
| <b>Concentration:</b> | Supplied at 0.5 mg/ml in sterile filtered (0.2 µm) PBS with 0.02% sodium azide.                                                                                                                                                                                                                                                                                                     |
| <b>Purification:</b>  | Purified from <i>in vitro</i> cultures by protein G affinity chromatography.                                                                                                                                                                                                                                                                                                        |
| <b>Biotinylation:</b> | Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.                                                                                                                                                                                                                                                                                                          |
| <b>Storage:</b>       | Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.                                                                                                                                                                                                                                                                                                |
| <b>Applications:</b>  | For quantification of IL-12/-23 (p40) in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-12/-23 (p40) producing cells using ELISpot. MT618 is recommended as detection mAb in combination with coating mAbs MT86/221 (product code 3450-3).                                                                                                           |
| <b>Protocols:</b>     | Please contact Mabtech for ELISpot and ELISA protocols.                                                                                                                                                                                                                                                                                                                             |



Note; for research use only.

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