

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

<b>Antibody:</b>	MT86/221 The reagent consists of a combination of two different monoclonal antibodies.
<b>Product code:</b>	3450-3-1000
<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 antibodies recognise p40 monomer, p40 homodimer, IL-12 p70 heterodimer (p40+p35) and IL-23 heterodimer (p40+p19). The antibodies cross-react 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>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), IL-12 (p70) and IL-23 in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-12/-23 (p40), IL-12 (p70) and IL-23 producing cells using ELISpot.  MT86/221 are recommended as coating mAbs for analysis of: - IL-12/-23 (p40) in combination with mAb MT618 (product code 3450-6) - IL-12 (p70) in combination with mAb IL12-III (product code 3450-8) - IL-23 in combination with mAb MT155 (product code 3457-6)
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.



Note; for research use only.

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