

Monoclonal Antibody to Human Interleukin-21

BIOTINYLATED

Antibody:	MT21.3m
Product code:	3540-6AF-250
Quantity:	250 µg
Immunogen:	Recombinant human IL-21
Isotype:	Mouse IgG1
Specificity:	Native and recombinant human IL-21. Cross-reacts with native IL-21 from cynomolgus macaques. Please visit www.mabtech.com for information on reactivity with other monkey species.
Concentration:	Supplied at 0.5 mg/ml in sterile filtered (0.2 µm) PBS. Contains no preservatives. The endotoxin content in this product is below 10 EU/mg.
Purification:	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
Biotinylation:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
Storage:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
Applications:	To retain detectable levels of IL-21 in cell culture supernatants, biotinylated mAb MT21.3m can be included during cell culture. The antibody will bind to secreted IL-21 thus preventing IL-21 from interacting with its receptor. In this way, IL-21 is kept in solution and can be quantified in ELISA. For this purpose, MT21.3m is free of preservatives. Please note that mAb MT21.3m is optimized for use with human IL-21 ELISA kits (product 3540-1A and 3540-1H) and anti-human IL-21 mAbs from Mabtech.
Protocols:	Please contact Mabtech for ELISA protocols.

Reference: Huang J., et.al. ELISpot and ELISA analyses of human IL-21-secreting cells: Impact of blocking IL-21 interaction with cellular receptors. *J Immunol Methods*. 2015 Feb;417:60-66. Please note that the antibody is called MT3 in the publication.

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Note; for research use only.

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.