

# Monoclonal Antibody to Human Interleukin-21

BIOTINYLATED

<b>Antibody:</b>	MT21.3m
<b>Product code:</b>	3540-6AF-250
<b>Quantity:</b>	250 µg
<b>Immunogen:</b>	Recombinant human IL-21
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant human IL-21. Cross-reacts with native IL-21 from cynomolgus macaques. Please visit <a href="http://www.mabtech.com">www.mabtech.com</a> for information on reactivity with other monkey species.
<b>Concentration:</b>	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.
<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. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	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. MT21.3m is optimized for use with human IL-21 ELISA kits and anti-human IL-21 mAbs from Mabtech.
<b>Protocols:</b>	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.

# MABTECH

Note: for research use only.

Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.



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

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