

# Monoclonal Antibody to Human Interleukin-17A

BIOTINYLATED

<b>Antibody:</b>	MT504
<b>Product code:</b>	3520-6-250
<b>Quantity:</b>	250 µg
<b>Immunogen:</b>	Recombinant human IL-17A
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant human IL-17A and IL-17A/F. The antibody binds to the A subunit of the IL-17A/F heterodimer. Cross-reacts with native IL-17A from rhesus and cynomolgus macaques and common marmosets. Please visit <a href="http://www.mabtech.com">www.mabtech.com</a> for information on reactivity with other monkey species. The antibody also cross-reacts with IL-17A from cow, sheep, horse, pig and dog.
<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. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	For quantification of human IL-17A in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-17A and IL-17A/F producing cells using ELISpot. MT504 is recommended in the following assays:  - Human IL-17A ELISA and ELISpot: as detection mAb in combination with IL-17A specific coating mAb MT44.6 (product code 3520-3). - Monkey IL-17A ELISA and ELISpot: as detection mAb in combination with IL-17A specific coating mAb MT241 (product code 3520M-3). - Human IL-17A/F ELISpot: as detection mAb in combination with IL-17F specific coating mAb MTF411 (product code 3523-3).
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.

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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.

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