

# Monoclonal Antibody to Human Interleukin-1 $\alpha$

BIOTINYLATED

<b>Antibody:</b>	MT513
<b>Product code:</b>	3414-6-1000
<b>Quantity:</b>	1000 $\mu$ g
<b>Immunogen:</b>	Recombinant human IL-1 $\alpha$
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant human IL-1 $\alpha$ . The antibody binds to the pro-form and the active form of IL-1 $\alpha$ .
<b>Concentration:</b>	Supplied at 0.5 mg/ml in sterile filtered (0.2 $\mu$ m) 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 IL-1 $\alpha$ in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-1 $\alpha$ producing cells using ELISpot. MT513 is recommended as detection mAb in combination with coating mAbs MT641/642 (product code 3414-3). The antibody is also suitable for Western blot.
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.

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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.

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