

# Monoclonal antibody to Human Interleukin-1 $\beta$

BIOTINYLATED

<b>Antibody:</b>	7P10
<b>Product code:</b>	3416-6-250
<b>Quantity:</b>	250 $\mu$ g
<b>Immunogen:</b>	Recombinant human IL-1 $\beta$
<b>Isotype:</b>	Mouse IgG2b
<b>Specificity:</b>	Native and recombinant human IL-1 $\beta$ . The antibody binds to the pro-form and the active form of IL-1 $\beta$ . No cross-reactivity with human 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. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	For quantification of IL-1 $\beta$ in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-1 $\beta$ producing cells using ELISpot. 7P10 is recommended as detection mAb in combination with coating mAb MT175 (product code 3416-3). Immunostaining of human IL-1 $\beta$ .
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.

# 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.

**Mabtech AB (Head Office)**  
Sweden  
Tel: +46 8 716 27 00  
mabtech@mabtech.com

**Mabtech, Inc.**  
USA  
Tel: +1 513 871-4500  
mabtech.usa@mabtech.com

Updated on, 2023-06-28

[www.mabtech.com](http://www.mabtech.com)