

# Monoclonal Antibody to Human Latent TGF- $\beta$ 1

BIOTINYLATED

<b>Antibody:</b>	MT517
<b>Product code:</b>	3550-6-250
<b>Quantity:</b>	250 $\mu$ g
<b>Immunogen:</b>	Recombinant latent TGF- $\beta$ 1
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant latent Transforming Growth Factor- $\beta$ 1 (TGF- $\beta$ 1). The antibody binds to the human Latency Associated Protein (LAP), which is a part of the latent TGF- $\beta$ 1 complex. The antibody does not bind to human latent TGF- $\beta$ 2 or - $\beta$ 3. Cross-reacts with native latent TGF- $\beta$ 1 from rhesus and cynomolgus macaques.
<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 latent TGF- $\beta$ 1 in solution e.g. cell culture supernatants using ELISA. MT517 is recommended as detection mAb in combination with capture mAb MT593 (product code 3550-3).
<b>Protocols:</b>	Please contact Mabtech for ELISA protocols.

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Note: for research use only.  
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