

# Monoclonal Antibody to Bovine Interleukin-2

BIOTINYLATED

<b>Antibody:</b>	MT3B3
<b>Product code:</b>	3111-6-250
<b>Quantity:</b>	250 µg
<b>Immunogen:</b>	Recombinant bovine IL-2
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant bovine IL-2. Cross-reacts with IL-2 from sheep.
<b>Concentration:</b>	Supplied at 0.5 mg/ml in a sterile filtered (0.2 µm) protein containing buffer with 0.02% sodium azide. This product contains free biotin which will not interfere with the ELISA and ELISpot assays as long as sufficient washing is applied prior to addition of the streptavidin-enzyme conjugate.
<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 bovine IL-2 in solution e.g. cell culture supernatants using ELISA and for enumeration of bovine IL-2 producing cells using ELISpot. MT3B3-biotin is recommended as detection mAb in combination with coating mAb MT11A31(product code 3111-3). For detection of IL-2 in cow and sheep samples with Flow cytometry, it is recommended to use unjonjugated mAb MT3B3 (3111-5).
<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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