

# Monoclonal Antibody to Human Interleukin-31

## BIOTINYLATED

|                       |                                                                                                                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody:</b>      | MT158                                                                                                                                                                                                                                                |
| <b>Product code:</b>  | 3530-6-250                                                                                                                                                                                                                                           |
| <b>Quantity:</b>      | 250 µg                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>     | Recombinant human IL-31                                                                                                                                                                                                                              |
| <b>Isotype:</b>       | Mouse IgG1                                                                                                                                                                                                                                           |
| <b>Specificity:</b>   | Native and recombinant human IL-31.                                                                                                                                                                                                                  |
| <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.                                                                                                                                                                 |
| <b>Applications:</b>  | For quantification of IL-31 in solution e.g. cell culture supernatants using ELISA and for enumeration of IL-31 producing cells using ELISpot. MT158 is recommended as detection mAb in combination with coating mAbs MT31/88 (product code 3530-3). |
| <b>Protocols:</b>     | Please contact Mabtech for ELISpot and ELISA protocols.                                                                                                                                                                                              |



Note; for research use only.

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