

## IL-2

### Mouse Anti-Monkey Interleukin-2 (Clone QS-2) mAb

|                                 |  |                  |        |
|---------------------------------|--|------------------|--------|
| <b>Catalog No.</b>              | CMI256   | <b>Quantity:</b> | 0.5 mg |
| <b>Alternate Names:</b>         | IL-2, T-cell growth factor, TCGF   |                  |        |
| <b>Description:</b>             | The monoclonal antibody to monkey IL-2 (clone QS-2) is suitable for intra-cytoplasmic flow cytometry, ELISA and ELISPOT assays. The QS-2 antibody recognizes both native rhesus macaque and cynomolgus monkey IL-2 and can be used in Western Blot.  |                  |        |
| <b>UniProt ID:</b>              | P68291, Q29615   |                  |        |
| <b>Gene ID:</b>                 | 708017   |                  |        |
| <b>Source:</b>                  | Produced <i>in vitro</i> using serum free medium.  |                  |        |
| <b>Specificity:</b>             | Binds with high efficiency to native IL-2 from rhesus macaque, cynomolgus monkey, pigtailed macaque, barbary macaque, baboon and African green monkey.   |                  |        |
| <b>Isotype:</b>                 | Mouse IgG <sub>1</sub>   |                  |        |
| <b>Clone:</b>                   | QS-2   |                  |        |
| <b>Quantitation:</b>            | $E^{0.1\%}_{280\text{nm}} = 1.4$ for a 1 mg/ml solution.   |                  |        |
| <b>Formulation:</b>             | Lyophilized from sterile-filtered PBS containing 125 mM Trehalose  |                  |        |
| <b>Purification:</b>            | Ion exchange chromatography.   |                  |        |
| <b>Reconstitution:</b>          | <b>Centrifuge vial briefly before opening.</b> Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended).<br><b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only. |                  |        |
| <b>Applications:</b>            | Coating antibody in ELISA and ELISPOT systems<br>Intracellular staining (flow cytometry)<br>Western blot analysis  |                  |        |
| <b>Storage &amp; Stability:</b> | Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>  |                  |        |

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