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## Data sheet

## Monoclonal antibody to monkey interleukin 4 (IL-4)

<b>Cat. No.</b>	<b>CT103</b>
<b>Clone</b>	QS-4
<b>Isotype</b>	Mouse IgG <sub>1</sub> , κ
<b>Immunogen</b>	Recombinant human IL-4 ( <i>E. coli</i> -derived)
<b>Production</b>	<i>In vitro</i> using serum free medium
<b>Purification</b>	Ion exchange chromatography
<b>Packaging</b>	Lyophilized and vacuum-packed
<b>Contents</b>	0.5 mg/vial
<b>Buffer</b>	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
<b>Specificity</b>	Natural IL-4 of rhesus macaques, cynomolgus monkeys, pig-tailed macaques, barbary macaques, baboons and African green monkeys binds with high efficiency. Efficiently inhibits IL-4 induced IgE production and IL-4 induced T cell proliferation.
<b>Sterility</b>	Membrane filtered (0.2 µm)
<b>Reconstitution</b>	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
<b>Stability</b>	Lyophilized product is stable for ≥1 year at 2-8°C (see vial for expiry). After reconstitution, store at 2-8°C for up to one month if sterile. For long-term use, aliquot the solution and freeze at -32 to -18°C (stable ≥1 year). Add 0.02% sodium azide to prevent bacterial growth.
<b>Quantitation</b>	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
<b>Application</b>	ELISA and ELISPOT assays Immunohistochemistry <i>In vitro</i> neutralization

