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## Data sheet

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

<b>Cat. No.</b>	<b>CT253</b>
Clone	5B5
Isotype	Mouse IgG <sub>1</sub> , $\kappa$
Immunogen	Recombinant human IL-4
Production	<i>In vitro</i> using serum free medium
Purification	Ion exchange chromatography
Packaging	Lyophilized and vacuum-packed
Contents	0.5 mg/vial
Buffer	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity	Binds with high efficiency to natural and recombinant human IL-4. Efficiently inhibits IL-4-induced IgE production and IL-4-induced T cell proliferation.
Sterility	Membrane filtered (0.2 $\mu$ m)
Reconstitution	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
Stability	Lyophilized product is stable for at least one year at 4°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
Application	ELISA and ELISPOT assays Immunohistochemistry <i>In vitro</i> neutralization

References can be found in the Reference Database at [www.ucytech.com/references](http://www.ucytech.com/references).

