

**U-CyTech B.V.**  
Yalelaan 42  
3584 CM Utrecht  
The Netherlands  
+31 85 073 1460  
info@ucytech.com  
www.ucytech.com

## Data sheet

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

<b>Cat. No.</b>	<b>CT324</b>
Clone	11B11
Isotype	Rat IgG <sub>1</sub>
Immunogen	Natural mouse 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 affinity to and neutralizes both natural and recombinant mouse IL-4.
Sterility	Membrane filtered (0.2 µm)
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 2 to 8°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 2 to 8°C for one month or for one year at -32 to -18°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 <i>In vitro</i> neutralization Intracellular staining Western blot analysis

