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Data sheet

Monoclonal antibody to mouse interleukin 4 (IL-4)

Cat. No.

CT324

Clone

11B11

Isotype

Rat IgG₁

Immunogen

Natural mouse IL-4

Production

In vitro 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 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 A₂₈₀=1.4 for a 1 mg/ml solution.

Application

ELISA and ELISPOT assays
In vitro neutralization
Intracellular staining
Western blot analysis

References can be found in the Reference Database at www.ucytech.com/references.

