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Data sheet

Polyclonal antibody to rat interleukin 4 (IL-4)

Cat. No.	CT058
Isotype	Rabbit Ig
Immunogen	Recombinant rat IL-4 (<i>E. coli</i> -derived)
Purification	Protein A affinity 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 both natural and recombinant rat IL-4. Cross-reactivity with IL-4 of other species has not been tested.
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 ≥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.
Quantitation	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
Application	ELISA and ELISPOT assays Western blot analysis

