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Data sheet

Polyclonal antibody to human erythropoietin (EPO)

Cat. No.

CT282

Isotype

Rabbit Ig

Immunogen

Recombinant human EPO (*E. coli*-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 human EPO.

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 $A_{280}=1.4$ for a 1 mg/ml solution.

Application

ELISA
Western blot analysis

