



Anti-mouse Epo R Antibody

ORDERING INFORMATION

Catalog Number: AF1390

Lot Number: JMN03

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS with 5% trehalose

Storage: -20° C

Reconstitution: sterile PBS

Specificity: mouse Epo R extracellular domain

Immunogen: NS0-derived rmEpo R extracellular domain

Ig Type: goat IgG

Applications: Western blot
Immunocytochemistry
Direct ELISA

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse Erythropoietin receptor (rmEpo R) extracellular domain. Mouse Epo R specific IgG was purified by mouse Epo R affinity chromatography.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

Reconstitution

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize mouse Epo R in the applications listed below.

Applications

Western blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse Epo R. The detection limit for rmEpo R is approximately 10 ng/lane under non-reducing and reducing conditions.

Immunocytochemistry - This antibody will detect Epo R in cells. The working dilution is 5 - 15 µg/mL. For chromogenic detection of labeling use R&D Systems Cell and Tissue Staining Kits (CTS Series).

Direct ELISA - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse Epo R. The detection limit for rmEpo R is approximately 1 ng/well. In this format, this antibody shows approximately 50% cross-reactivity with rhEpo R.

Optimal dilutions should be determined by each laboratory for each application.