Anti-Human Erythropoietin (EPO-16) Antibody (Clone 16F1H11)

Mouse monoclonal antibody to human erythropoietin

Catalog #01300  100 µg  1 mg/mL

Product Description

Erythropoietin (EPO) is the major regulator of red blood cell production and is produced in the kidney in response to hypoxia. Clone 16F1H11 binds human EPO with a Kd of 8 nM. Anti-EPO-16 is neutralizing for human, mouse, and baboon EPO. This clone binds to a conformational epitope on EPO.

Target Antigen Name: EPO-16
Species Reactivity: Human
Host Species: Mouse
Clonality: Monoclonal
Clone: 16F1H11
Isotype: IgG1, kappa
Immunogen: Pure human urinary EPO
Conjugate: Unconjugated

Applications

Reported: ELISA, Immunohistochemistry, Neutralization/Blocking

Properties

Formulation: Phosphate-buffered saline
Purification: The antibody was purified by affinity chromatography.
Stability and Storage: Product stable at 2 - 8°C until expiry date (EXP) as indicated on label. Do not freeze. Addition of 0.1% sodium azide (final) is recommended once the vial has been opened.
Directions for Use: Centrifuge vial briefly before use to ensure recovery of contents. Dilute with medium or phosphate-buffered saline containing 0.1 - 1% BSA as carrier protein.

This antibody can be used for immunoassay, immunoaffinity isolation of EPO, and neutralization of human, mouse, and baboon EPO in a dose-dependent manner. It is recommended that the antibody be titrated for optimal performance for each application.

Related Products

For a complete list of antibodies, including other conjugates, sizes, and clones, as well as related products available from STEMCELL Technologies, visit www.stemcell.com/antibodies or contact us at techsupport@stemcell.com.

References