SPECIFICITY
Erythropoietin (EPO) is the major regulator of red blood cell production and is produced in the kidney in response to hypoxia. Clone 26G9C10 binds human EPO with a Kd of ~0.7nM. Anti-EPO is neutralizing for human EPO but not for mouse EPO. This clone binds to a linear epitope on EPO.

CLONE
26G9C10

ISOTYPE
IgE/κ (mouse)

PREPARATION
Monoclonal 26G9C10 was generated by immunizing mice with pure human urinary EPO. Fusion Partner - myeloma NS1. Purified from hybridoma culture supernatant by affinity chromatography using Sepharose 4B coupled to rat anti-mouse Igκ.

FORMAT
1 mg/mL in phosphate buffered saline. Does not contain sodium azide or BSA.

STABILITY AND STORAGE
Product stable at 2 - 8°C until expiry date as indicated on label. Do not freeze. Product has been sterility tested. Addition of 0.1% sodium azide (final) is recommended once vial is opened. Dilute with medium or phosphate buffered saline containing 0.1-1% BSA as carrier protein.

APPLICATIONS AND DIRECTIONS FOR USE
Centrifuge tube briefly before use to ensure recovery of entire contents.

Anti-Human EPO-26 can be used for: (1) immunoassay, (2) immunoaffinity isolation of human EPO, and (3) neutralization of human and baboon EPO activity in a dose-dependent manner.1-4

REFERENCES