



EPO Mouse Monoclonal Antibody

E10-30094

Background: Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

Catalog Number: E10-30094

Amount: 100µg/100µl

Clone Number: 4F11

Species: Mouse IgG1

MW: 21kDa

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Aliases: EP; MVCD2; MGC138142; EPO

Entrez Gene: 2056

Immunogen: Purified recombinant fragment of human EPO expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IF, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IF: 1/200 - 1/1000, ELISA: Propose dilution 1/10000.

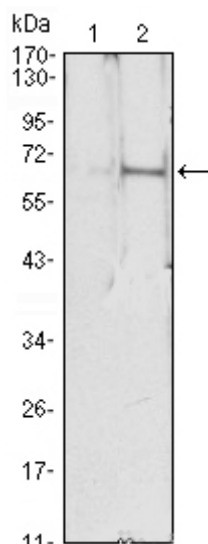


Figure 1: Western blot analysis using EPO mAb against HEK293 (1) and EPO-hlgGfC transfected HEK293 (2) cell lysate.

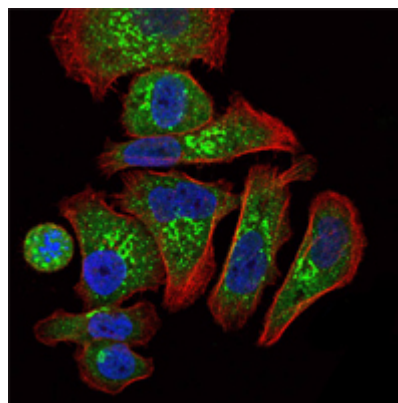


Figure 2: Immunofluorescence analysis of GC7901 cells using EPO mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.