

ARG10022
anti-EPO antibody [85]Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Mouse Monoclonal antibody [85] recognizes EPO |
| Tested Reactivity | Hu |
| Tested Application | ELISA, WB |
| Specificity | Does not cross react with other human cytokines tested such as IL-8, IL-16, IL-7, MCP-1, TNF-β, GM-CSF, M-CSF, IL-1β, bFGF, and human serum albumin or bovine serum albumin. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 85 |
| Isotype | IgG1, kappa |
| Target Name | EPO |
| Species | Human |
| Immunogen | Purified CHO cell-expressed recombinant human EPO |
| Conjugation | Un-conjugated |
| Alternate Names | MVCD2; EP; Epoetin; Erythropoietin |

Application Instructions

| | |
|------------------|--|
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |
|------------------|--|

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Protein G affinity purified |
| Buffer | 0.01M PBS (pH 7.2) |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|------------------------------------|
| Database links | GeneID: 2056 Human |
|----------------|------------------------------------|

[Swiss-port # P01588 Human](#)

| | |
|----------------|---|
| Gene Symbol | EPO |
| Gene Full Name | erythropoietin |
| Background | This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine 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. [provided by RefSeq, Jul 2008] |
| Function | Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass. [UniProt] |
| Research Area | Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody; Signaling Transduction antibody |
| Calculated Mw | 21 kDa |

Images



ARG10022 anti-EPO antibody [85] WB image

Western Blot: EPO antigen (100 ng/well) stained with anti-EPO antibody [85] (ARG10022) at 1 μ g/mL or 1:1000
