# Mouse EPO Monoclonal Antibody | anti-EPO antibody

EPO antibody (biotin)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA74421** | **Mouse** | **Western Blot, ELISA** |

## PRODUCT SYNONYMS

EPO; Monoclonal Antibody; EPO antibody (biotin); Monoclonal EPO; Anti-EPO; EPO-a; Epoetin; Erythropoietin; EPO-alpha; Erythropoietin-alpha; EP; MGC138142; anti-EPO antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Clone Number** | Epo1 |
| **Specificity** | Human |
| **Purity/Purification** | EPO antibody (biotin) was purified by chromatography on protein G Sepharose. |
| **Form/Format** | Protein G purified and supplied in PBS, pH 7.4, containing 0.09% NaN3. |
| **Concentration** | 4.2 mg/ml (varies by lot) |
| **Sequence Length** | 193 |
| **Applicable Applications for anti-EPO antibody** | WB (Western Blot), ELISA |
| **Biological Significance** | Erythropoietin is a glycoprotein hormone that controls erythropoiesis, or red blood cell production. It is a cytokine for erythrocyte (red blood cell) precursors in the bone marrow. Erythropoietin is produced by the peritubular capillary endothelial cells in the kidney and liver, it is the hormone that regulates red blood cell production. |
| **Biohazard Information** | This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product. |
| **Tag/Conjugate** | Biotin |
| **Immunogen** | EPO antibody (biotin) was raised in mouse using human EPO as the immunogen. |
| **Preparation and Storage** | Store at 4 degree C. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-EPO antibody** | Mouse monoclonal EPO antibody (biotin) |
| **Product Categories/Family for anti-EPO antibody** | Hormones & Steroids; Conjugated Monoclonal Antibodies |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 312304 |

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| **NCBI GeneID** | 2056 |
| **UniProt Accession #** | P01588; Q2M2L6; Q549U2; Q9UDZ0; Q9UEZ5; Q9UHA0 |
| **Molecular Weight** | 21,307 Da |
| **NCBI Official Full Name** | erythropoietin |
| **NCBI Official Synonym Full Names** | erythropoietin |
| **NCBI Official Symbol** | EPO |
| **NCBI Official Synonym Symbols** | EP; MVCD2 |
| **NCBI Protein Information** | erythropoietin |
| **UniProt Protein Name** | Erythropoietin |
| **UniProt Gene Name** | **EPO** |
| **UniProt Entry Name** | EPO_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/epo-antibody-clone-epo1-western-blot-elisa/74421