

## Erythropoietin Monoclonal Antibody | anti-EPO antibody

Mouse Anti Human Erythropoietin

CATALOG #  
AAA37920

### PRODUCT SYNONYMS

Erythropoietin; Monoclonal Antibody; Mouse Anti Human Erythropoietin; Epo Antibody; Mouse Anti Human; EPO-a; EPO-alpha; Epoetin; EP; MGC138142; anti-EPO antibody

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality               | Monoclonal                                                                                                                                         |
| Isotype                 | IgG1 for both Mabs                                                                                                                                 |
| Clone Number            | Epo2                                                                                                                                               |
| Purity/Purification     | Purified by chromatography on protein G Sepharose. Purity is tested by electrophoresis.                                                            |
| Form/Format             | Each vial contains 6mg/ml antibodies in PBS, pH 7.4, containing 0.1 % of sodium azide (NaN3) as preservative. Sterile filtered colorless solution. |
| Sequence Length         | 193                                                                                                                                                |
| Preparation and Storage | Store at + 4 degree C.                                                                                                                             |

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EPO antibody | <b>Introduction:</b> 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. |
| Product Categories/Family for anti-EPO antibody   | Anti-Human CYTOKINES; Monoclonal Antibodies; Anti Human Cytokine                                                                                                                                                                                                                                                                                                                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI GI #                        | 62240997                |
| NCBI GeneID                      | 2056                    |
| NCBI Accession #                 | NP_000790.2             |
| NCBI GenBank Nucleotide #        | NM_000799.2             |
| 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; epoetin |

|                      |                |
|----------------------|----------------|
| 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/erythropoietin-antibody-clone-epo2-elisa/37920>