



Rabbit Anti-Human EPOR monoclonal antibody, clone S115 (CABT-ZB530)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|---|
| Specificity | It reacts with Human EPOR It has no cross-reactivity in ELISA with Mouse EPOR. |
| Target | EPOR |
| Immunogen | Recombinant Human EPOR Protein |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | S115 |
| Purification | Protein A purified |
| Conjugate | Unconjugated |
| Applications | ELISA, ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB530 - CABT-ZB895 This antibody will detect EPOR in antibody pair set. [ABPR-ZB106] |
| Preparation | This antibody was obtained from a rabbit immunized with purified, recombinant Human EPOR. |
| Format | Purified, Liquid |
| Concentration | Lot specific |
| Size | 50 µL, 100 µL, 1 mL |

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|---------------------|--|
| Buffer | PBS |
| Preservative | None |
| Storage | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| Ship | Wet ice |

BACKGROUND

Introduction Erythropoietin (EPO) is the major glycoprotein hormone regulator of mammalian erythropoiesis, and is produced by kidney and liver in an oxygen-dependent manner. The biological effects of EPO are mediated by the specific erythropoietin receptor (EPOR/EPO Receptor) on bone marrow erythroblasts, which transmits signals important for both proliferation and differentiation along the erythroid lineage. EPOR protein is a type I single-transmembrane cytokine receptor, and belongs to the homodimerizing subclass which functions as ligand-induced or ligand-stabilized homodimers. EPOR signaling prevents neuronal death and ischemic injury. Recent studies have shown that EPO and EPOR protein may be involved in carcinogenesis, angiogenesis, and invasion.

Keywords EPOR; erythropoietin receptor; EPO-R

GENE INFORMATION

Synonyms EPOR; erythropoietin receptor; EPO-R

Entrez Gene ID [2057](#)

UniProt ID [P19235](#)