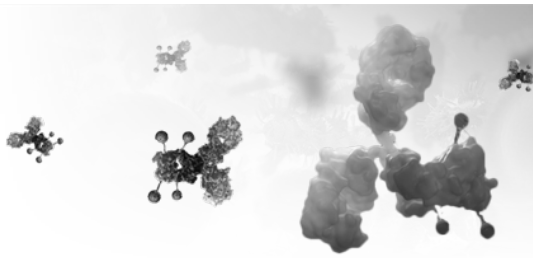

# Rabbit Anti-Human EPOR monoclonal antibody, clone S121 (CABT-ZB895)

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<br>It has cross-reactivity in ELISA with Mouse EPOR |
| **Target** | EPOR |
| **Immunogen** | Recombinant Human EPOR Protein |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human |
| **Clone** | S121 |
| **Purification** | Protein A purified |
| **Conjugate** | Unconjugated |
| **Applications** | ELISA, ELISA(det)<br>We recommend the following for sandwich ELISA (Capture - Detection):<br>CABT-ZB530 - CABT-ZB895<br>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

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| **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 â… 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

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|---|---|
| **Synonyms** | EPOR; erythropoietin receptor; EPO-R |
| **Entrez Gene ID** | 2057 |
| **UniProt ID** | P19235 |

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