

bs-13088R**[Primary Antibody]****phospho-EPO Receptor (Tyr485) Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

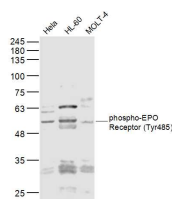
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 2057</p> <p>Target: EPO Receptor (Tyr485)</p> <p>Immunogen: KLH conjugated synthesised phosphopeptide derived from human EPO Receptor around the phosphorylation site of Tyr485: GP(p-Y)SN.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.</p> <p>Background: The erythropoietin receptor (EPOR) is a member of the cytokine receptor family. There are several isoforms including: EPOR-F (full length), EPOR-S (soluble form), and EPOR-T (truncated form). Upon erythropoietin (EPO) binding, the EPOR activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated EPOR appears to have a role in erythroid cell survival. Defects in the EPOR may produce erythroleukemia and familial erythrocytosis. A functional EPOR is found in the cardiovascular system, including endothelial cells and cardiomyocytes, and data suggest that the EPO/EPO receptor system plays an important role in cardiac function. In animal studies, treatment with EPO during ischemia/reperfusion in the heart has been shown to limit the infarct size and the extent of apoptosis.</p>	<p>Isotype: IgG</p> <p>SWISS: P19235</p>	<p>Applications: WB (1:500-2000)</p> <p>Reactivity: Human</p> <p>Predicted MW.: 55 kDa</p> <p>Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane</p>
--	--	---

— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
 HL-60(Human) Cell Lysate at 30 ug
 MOLT-4(Human) Cell Lysate at 30 ug Primary:
 Anti- phospho-EPO Receptor (Tyr485)
 (bs-13088R) at 1/300 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 55 kD Observed
 band size: 55 kD