

**bs-16668R****[ Primary Antibody ]****phospho-TFRC (Ser24) Rabbit pAb****BioSS**  
**ANTIBODIES**

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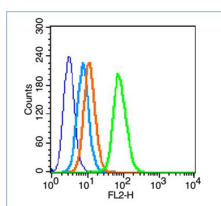
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> Flow-Cyt (1ug/Test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig, Cow, Dog, Horse)
<b>GeneID:</b> 7037	<b>SWISS:</b> P02786	
<b>Target:</b> TFRC (Ser24)		<b>Predicted MW.:</b> 85 kDa
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human Transferrin Receptor around the phosphorylation site of Ser24: RF(p-S)LA.		<b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]		

**— VALIDATION IMAGES —**

Blank control (blue line): HL60(fixed with 70% ethanol Overnight at 4°C). Primary Antibody (green line): Rabbit Anti-phospho-Transferrin Receptor (Ser24) antibody (bs-16668R), Dilution: 1µg /10<sup>6</sup> cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, Dilution: 1µg /test.

**— SELECTED CITATIONS —**

- **[IF=3.9]** Cuicui Zhuang. et al. Escherichia coli infection induces ferroptosis in bovine mammary epithelial cells by activating the Wnt/β-catenin pathway-mediated mitophagy. MITOCHONDRION. 2024 Sep;78:101921 WB ;Bovine. 38885732