

**bs-23638R****[ Primary Antibody ]****TIE2 Rabbit pAb****Bioss**  
**ANTIBODIES**

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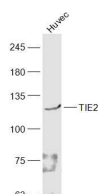
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**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 7010</p> <p><b>Target:</b> TIE2</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TIE2: 1-100/120. &lt; Extracellular &gt;</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><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.</p> <p><b>Background:</b> The TEK receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TEK are associated with inherited venous malformations; the TEK signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TEK is closely related to the TIE receptor tyrosine kinase.</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> Q02763</p> <p><b>Applications:</b> WB (1:500-2000)</p> <p><b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse)</p> <p><b>Predicted MW.:</b> 124 kDa</p> <p><b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm</p>
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**— VALIDATION IMAGES —**

Sample: HUVEC(Human) Cell Lysate at 30 ug  
 Primary: Anti-TIE2 (bs-23638R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD  
 Observed band size: 124 kD

**— SELECTED CITATIONS —**

- **[IF=6.208]** Yongxin Guo. et al. Beneficial Effects of Oleosomes Fused with Human Fibroblast Growth Factor 1 on Wound Healing via the Promotion of Angiogenesis. INT J MOL SCI. 2022 Jan;23(21):13152 WB ;Rat, Human. 36361940
- **[IF=3.072]** Xue Y et al. miR - 205 - 5p inhibits psoriasis - associated proliferation and angiogenesis: Wnt/ $\beta$ -catenin and mitogen - activated protein kinase signaling pathway are involved. J Dermatol . 2020 Aug;47(8):882-892. WB ;Mouse&Human. 32525225