

**bs-0195R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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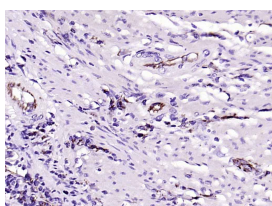
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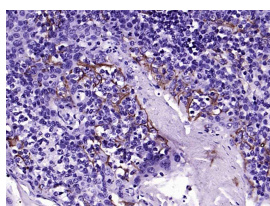
400-901-9800

**CD31 Rabbit pAb****— DATASHEET —**

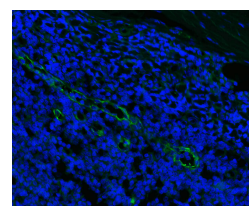
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5175	<b>SWISS:</b> P16284	
<b>Target:</b> CD31		<b>Reactivity:</b> Human (predicted: Rabbit, Pig, Sheep, Cow, Dog)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CD31: 681-738/738.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 78 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Membrane, Cell junction, Cell membrane
<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> The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD31) Polyclonal Antibody, Unconjugated (bs-0195R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD31) Polyclonal Antibody, Unconjugated (bs-0195R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CD31) Polyclonal Antibody, Unconjugated (bs-0195R) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-AF488) for 90 minutes, and DAPI for nuclei staining.

**— SELECTED CITATIONS —**

- **[IF=17.6]** Qingyun Fu. et al. Polydopamine-modified metal-organic frameworks nanoparticles enhance the corrosion resistance and bioactivity of polycaprolactone coating on high-purity magnesium. J MAGNES ALLOY. 2024 Feb.; IHC ;Rabbit. 10.1016/j.jma.2023.12.014
- **[IF=18]** Yipei Yang. et al. 3D-printed manganese dioxide incorporated scaffold promotes osteogenic-angiogenic coupling for refractory bone defect by remodeling osteo-regenerative microenvironment. bioactive materials. 2024 Oct 28;44:354-370. IF ;Rat. 39539517
- **[IF=18]** Zetao Wang. et al. Nano-vibration exciter: Hypoxia-inducible factor 1 signaling pathway-mediated extracellular

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vesicles as bioactive glass substitutes for bone regeneration. BIOACT MATER. 2024 Oct;40:460 IF ;Rat,Mouse. 10.1016/j.bioactmat.2024.06.023

- **[IF=18]** Ying Luo. et al. Divalent metal ions enhance bone regeneration through modulation of nervous systems and metabolic pathways. Bioactive Materials. 2025 Feb 12;47:432-447. IF ;Rat. 10.1016/j.bioactmat.2025.01.034
- **[IF=16.874]** Bingcheng Yi. et al. Step-wise CAG@PLys@PDA-Cu<sup>2+</sup> modification on micropatterned nanofibers for programmed endothelial healing. BIOACT MATER. 2022 Jul; IF ;Human. 10.1016/j.bioactmat.2022.07.010