

bs-0195R**[Primary Antibody]****Bioss**
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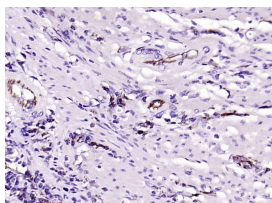
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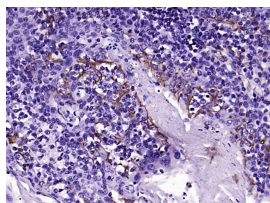
400-901-9800

CD31 Rabbit pAb**— DATASHEET —**

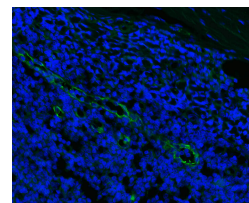
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 5175	SWISS: P16284	IF (1:100-500)
Target: CD31		Reactivity: Human (predicted: Rabbit, Pig, Sheep, Cow, Dog)
Immunogen: KLH conjugated synthetic peptide derived from human CD31: 681-738/738. < Cytoplasmic >		Predicted MW.: 78 kDa
Purification: affinity purified by Protein A		Subcellular Location: Membrane ,Cell junction ,Cell membrane
Concentration: 1mg/ml		
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.		
Background: 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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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-Cu²⁺ modification on micropatterned nanofibers for programmed endothelial healing. BIOACT MATER. 2022 Jul; IF ;Human. 10.1016/j.bioactmat.2022.07.010