

bsm-60600R**[Primary Antibody]**

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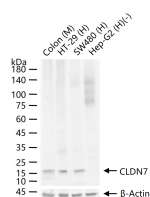
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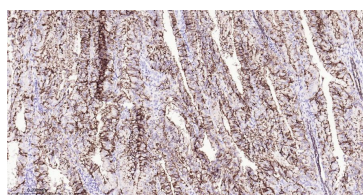
400-901-9800

CLDN7 Recombinant Rabbit mAb**— DATASHEET —**

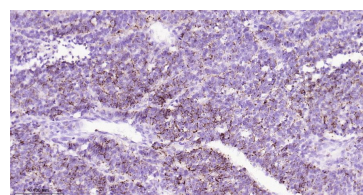
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 22 kDa Observed MW.: 17 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: H1C6	
Target: CLDN7		
Purification: affinity purified by Protein A		
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: This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. Differential expression of this gene has been observed in different types of malignancies, including breast cancer, ovarian cancer, hepatocellular carcinomas, urinary tumors, prostate cancer, lung cancer, head and neck cancers, thyroid carcinomas, etc.. Alternatively spliced transcript variants encoding different isoforms have been found.[provided by RefSeq, May 2010]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with CLDN7 monoclonal antibody, unconjugated (bsm-60600R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CLDN7 Monoclonal Antibody, Unconjugated (bsm-60600R) at 1:50 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CLDN7 Monoclonal Antibody, Unconjugated (bsm-60600R) at 1:50 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=1.7]** Zhang Zhanhe. et al. Gastrointestinal development and tight junctions of preweaned calves supplemented with sodium butyrate in the starter mixture and whole milk. TROP ANIM HEALTH PRO. 2025 Jun;57(5):1-13 WB ;Cow. 40439969