

**bs-0595R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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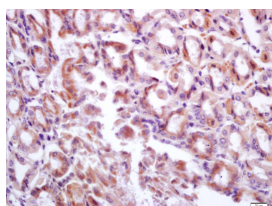
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**DMBT1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 1755	<b>SWISS:</b> Q9UGM3	<b>IF</b> (1:100-500)
<b>Target:</b> DMBT1		<b>Reactivity:</b> Mouse (predicted: Human, Rat)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DMBT1: 1701-1785/1785.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 156-265 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted ,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> DMBT 1 may play roles in mucosal defense system, cellular immune defense and epithelial differentiation. May play a role in liver regeneration. May be an important factor in fate decision and differentiation of transit-amplifying ductular(oval) cells within the hepatic lineage. May function as a binding protein in saliva for the regulation of taste sensation. May play a role as an opsonin receptor for SFTPD and SPAR in macrophages tissues throughout the body, including epithelial cells lining the gastrointestinal tract. Required for terminal differentiation of columnar epithelial cells during early embryogenesis. [Subcellular Location] Secreted. Membrane. [Tissue Specificity] Expressed in von Ebner glands (VEG) (at protein level), olfactory epithelium and the lateral nasal gland. Expressed in transit-amplifying ductular (oval) cells. Up-regulated at day 3 after hepatectomy. Expressed in newly formed bile ducts and in structures resembling intestinal epithelium. Belongs to the DMBT1 family.		

**— VALIDATION IMAGES —**

Tissue/cell: mouse stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-GP340/DMBT1 Polyclonal Antibody, Unconjugated(bs-0595R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=3.743]** Zhao Y et al. DMBT1 has a protective effect on allergic rhinitis. Biomed Pharmacother. 2020 Jan;121:109675. WB ;Mouse. 31810134

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