

bs-10074R**[Primary Antibody]****BioSS**
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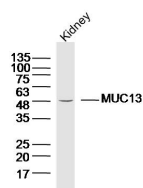
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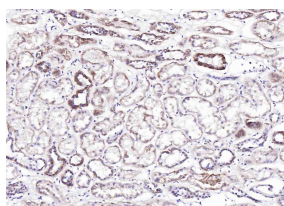
400-901-9800

MUC13 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 56667	SWISS: Q9H3R2	IHC-F (1:100-500)
Target: MUC13		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human MUC13: 175-270/511. < Extracellular >		Reactivity: Human, Mouse (predicted: Rat, Pig, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 54 kDa
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.		Subcellular Location: Secreted ,Cell membrane
Background: MUC13 is a mucin. These are secreted or transmembrane glycoproteins that are expressed mainly in the digestive tract and on epithelial surfaces. MUC13 is upregulated in gastric cancer. Mucins have also been implicated in inflammatory bowel diseases.		

— VALIDATION IMAGES —

Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti- MUC13(bs-10074R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 54kD
Observed band size: 54kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (MUC13) Polyclonal Antibody, Unconjugated (bs-10074R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=15.7]** Hsu Wei-Hsuan. et al. Polystyrene nanoplastics disrupt the intestinal microenvironment by altering bacteria-host interactions through extracellular vesicle-delivered microRNAs. NAT COMMUN. 2025 Jun;16(1):1-13 IHC, ICC, WB ; Mouse, Human. 40494850