

**bsm-61467R****[ Primary Antibody ]**

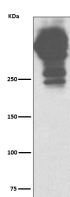
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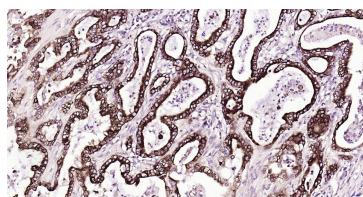
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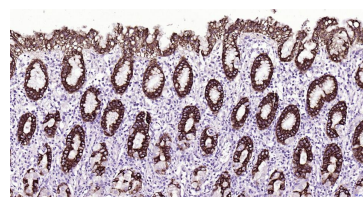
400-901-9800

**MUC5AC Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 9G13**GeneID:** 4586**SWISS:** P98088**Target:** MUC5AC**Immunogen:** A synthesized peptide derived from human Mucin 5AC: 4370-4570/5654.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:100)**Reactivity:** Human**Predicted  
MW.:** 586**Subcellular  
Location:** Secreted ,Extracellular  
matrix ,Cell membrane  
,Cytoplasm**VALIDATION IMAGES**

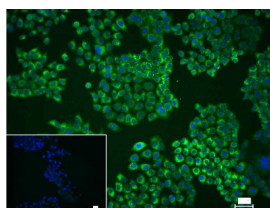
Western blot analysis of human stomach lysate. Using MUC5AC (bsm-61467R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MUC5AC Monoclonal Antibody, Unconjugated(bsm-61467R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Stomch; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MUC5AC Monoclonal Antibody, Unconjugated(bsm-61467R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (MUC5AC) monoclonal Antibody, unconjugated (bsm-61467R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

## — SELECTED CITATIONS —

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- **[IF=3.3]** Zhen Guo. et al. Solasodine inhibits the Th2 immune response and airway remodeling in asthmatic mice through the Runx3/NLRP3 pathway. TOXICOL APPL PHARM. 2025 Apr;;117351 IHC ;Mouse. 40268171