

Anti-MUC5AC Polyclonal Antibody

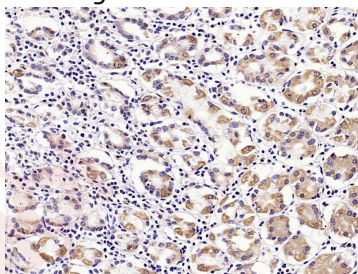
Product Details

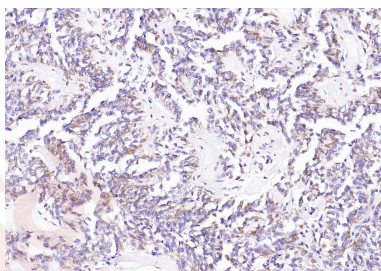
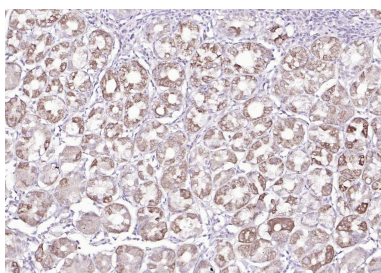
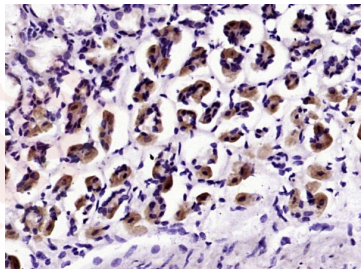
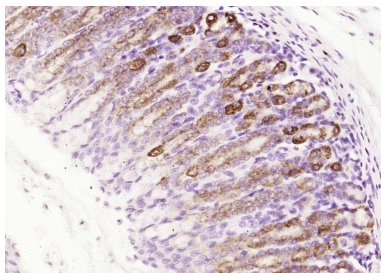
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Horse)
Molecular Weight:	Theoretical: 523 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Human stomach); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (MUC5AC) Polyclonal Antibody, Unconjugated (TMAB-01183) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MUC5AC) Polyclonal Antibody, Unconjugated (TMAB-01183) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (mouse stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MUC5AC) Polyclonal Antibody, Unconjugated (TMAB-01183) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded (Human stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MUC5AC) Polyclonal Antibody, Unconjugated (TMAB-01183) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (human pancreatic carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (MUC5AC) Polyclonal Antibody, Unconjugated (TMAB-01183) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

Verified Activity:





Application: IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human MUC5AC/Mucin 5AC

Antigen Species: Human

Gene ID: 4586

Uniprot ID: P98088

Synonyms: Tracheobronchial Mucin; Apomucin; Mucin 5 subtypes A and C tracheobronchial/gastric; MUC 5; Mucin 5 Subtypes A And C; Mucin 5 subtype AC tracheobronchial; TBM; Major Airway Glycoprotein; MUC5; MUC5AC Glycoprotein; Gastric Mucin M1

Biology Area: MUC, Tumor antigens, Tumor-associated antigens, MUC

Research Background

Mucin is a high M.W. (>1,000 kDa) glycoprotein, expressed by mucus cells of the gastric epithelium and by goblet cells of the fetal, precancerous and cancerous colon, but not by those of the normal colon. It also appears in other epithelial tissues, which are embryologically derived from the foregut (epigastric and bronchial epithelium) and in Müller ducts (mucus cells of the endocervix and urethral epithelium near the prostatic utriculus). The expression of MUC5AC has been frequently observed in gastric carcinomas and may be used as a marker of gastric differentiation.

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