



Mouse Anti-MUC6 antibody (BH0156)

BH0156

BH0156

Product Name:	MUC6
Chinese Name:	小鼠抗粘蛋白6单克隆抗体
Alias:	Gastric mucin 6 ; Gastric Mucin ; Gastric mucin-6 ; MUC 6 ; MUC-6 ; Muc6 ; MUC6 Fragment ; MUC6 mucin ; MUC6 mucin Fragment ; MUC6_HUMAN ; Mucin 6 ; Mucin 6 gastric ; Mucin 6 oligomeric mucus/gel forming ; Mucin glycoprotein Fragment ; Mucin-6 ; Secretory mucin MUC6 Fragment .
Organism Species:	Mouse
Clonality:	Monoclonal
克隆号:	6H8
React Species:	Human,
Applications:	IHC-P=1:100-500IHC-F=1:100-500ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	298kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MUC6:
Lsotype:	IgG2a
Purification:	affinity purified by Protein G
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the mucin protein family. Mucins are high molecular

weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. [provided by RefSeq, Dec 2016]

Function:

May provide a mechanism for modulation of the composition of the protective mucus layer related to acid secretion or the presence of bacteria and noxious agents in the lumen. Play an important role in the cytoprotection of epithelial surfaces and are used as tumor markers in a variety of cancers. May play a role in epithelial organogenesis.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in the regenerative zone of gastric antrum, gastric body mucosa and gastric incisura mucosa. Expressed in the deeper mucous glands of gastric antrum. Overexpressed in Helicobacter pylori infected gastric epithelium. Highly expressed in duodenal Brunner's glands, gall bladder, seminal vesicle, pancreatic centroacinar cells and ducts, and periductal glands of the common bile duct.

Post-translational modifications:

O-glycosylated.

Similarity:

Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 TIL (trypsin inhibitory-like) domain. Contains 3 VWFD domains.

SWISS:

Q6W4X9

Gene ID:

4588

Database links:

•[Entrez Gene: 4588](#)Human

[Entrez Gene: 353328](#)Mouse

[Entrez Gene: 282586](#)Rat

[Omim: 158374](#)Human

[SwissProt: Q6W4X9](#)Human

[SwissProt: Q80T03](#)Mouse

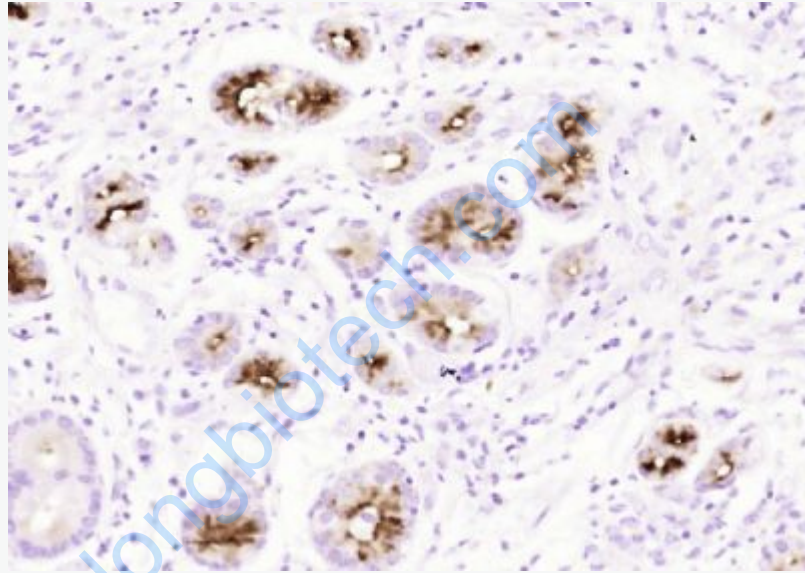
[Unigene: 528432](#)Human

[Unigene: 246621](#)Mouse

[Unigene: 92457](#)Rat

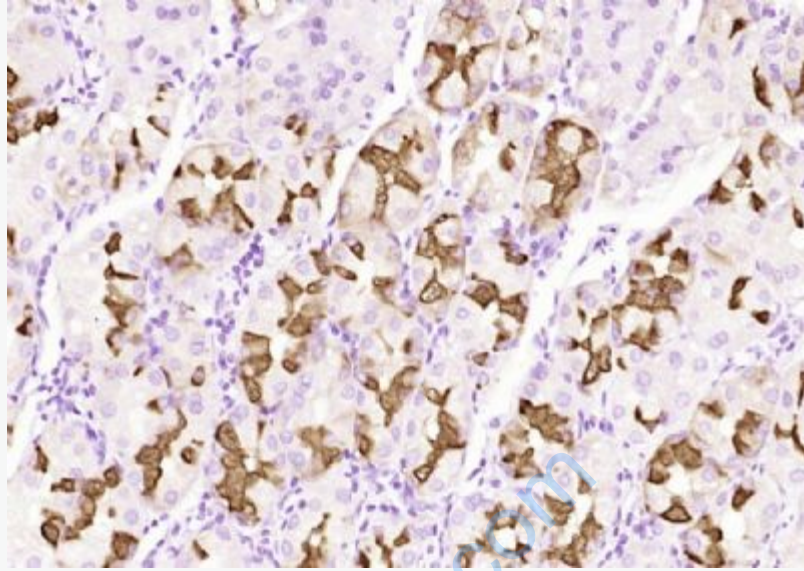
Important Note:

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



Picture:

araformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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 (MUC6) Monoclonal Antibody, Unconjugated (BH0156) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric); 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 (MUC6) Monoclonal Antibody, Unconjugated (BH0156) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.