



## MUC6 (ABT351) Mouse mAb

Catalog No	YP-Ab-15184
Isotype	IgG
Reactivity	Human; Predict react with Mouse, Rat
Applications	IHC
Gene Name	MUC6
Protein Name	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 F
Immunogen	Synthesized peptide derived from human MUC6
Specificity	The antibody can specifically recognize human MUC6 protein.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Monoclonal Mouse IgG2a, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400,
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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
Observed Band	
Cell Pathway	Cytoplasmic
Tissue Specificity	Stomach
Function	developmental stage: Early expressed in fetal development and was observed in Brunner's glands and pancreatic ducts at 18-19 weeks and in gastric glands at 20 weeks of gestation. Expressed transiently in the nephrogenic zone of the kidney in the early mid-trimester of development. Detected in the epithelium of ureteric buds at 13 weeks and at lower levels from 17 to 23 weeks of gestation., 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., induction: Up-regulated by NFκB1. Repressed by mithramycin A which is an inhibitor of binding of transcription



factors.,polymorphism:The number of repeats is

#### Background

The MUC6 gene encodes gastric mucin, a secreted glycoprotein that plays an essential role in epithelial cytoprotection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract (summary by Toribara et al., 1993 [PubMed 7680650]).[supplied by OMIM, Dec 2010],

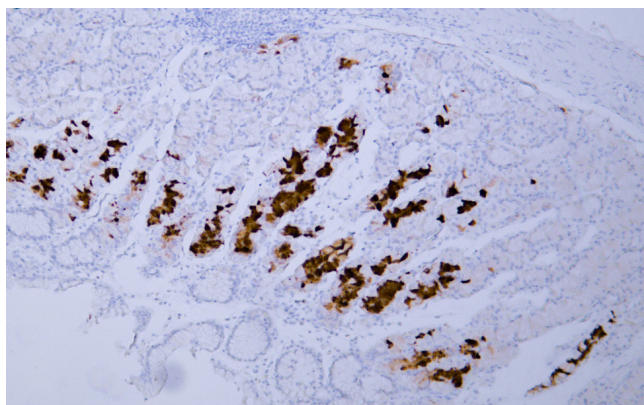
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images



Human stomach tissue was stained with Anti-MUC6 (ABT351) Antibody