

Rabbit anti-Human, Mouse MUC6 Polyclonal Antibody | anti-MUC6 antibody

MUC6 Antibody

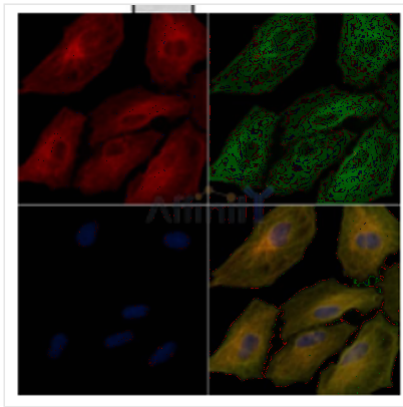
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328038	Rabbit	Human, Mouse	ELISA, Western Blot

PRODUCT SYNONYMS

MUC6; Polyclonal Antibody; MUC6 Antibody; Gastric mucin 6; 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; anti-MUC6 antibody

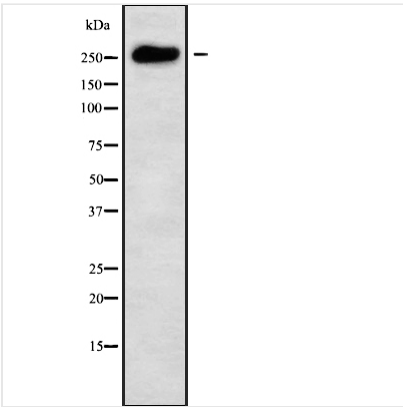
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MUC6 antibody detects endogenous levels of total MUC6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	2439
Applicable Applications for anti-MUC6 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human MUC6, corresponding to a region within C-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



Application Data

AAA328038 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328038) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of MUC6 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MUC6 antibody	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. Plays 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. Subunit Structure: Multimer; disulfide-linked. Post-translational Modifications: O-glycosylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151301154
NCBI GeneID	4588
NCBI Accession #	NP_005952.2
NCBI GenBank Nucleotide #	NM_005961.2
UniProt Accession #	Q6W4X9; O15329; Q14394; Q2TUQ5; Q4L207; Q8N8I1; Q8NAK1
Molecular Weight	257kDa
NCBI Official Full Name	mucin-6
NCBI Official Synonym Full Names	mucin 6, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC6
NCBI Official Synonym Symbols	MUC-6
NCBI Protein Information	mucin-6
UniProt Protein Name	Mucin-6
UniProt Gene Name	MUC6
UniProt Synonym Gene Names	MUC-6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

