

Rabbit anti-Human MUC1 Monoclonal Antibody | anti-MUC1 antibody

MUC1 Antibody

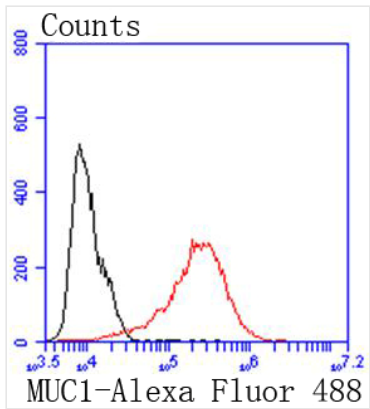
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30155	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MUC1; Monoclonal Antibody; MUC1 Antibody; ADMCKD antibody; ADMCKD1 antibody; Breast carcinoma associated antigen DF3 antibody; Breast carcinoma-associated antigen DF3 antibody; CA 15-3 antibody; CA15 3 antibody; CA15 3 antigen antibody; CA15.3 antibody; Cancer antigen 15-3 antibody; Carcinoma associated mucin antibody; Carcinoma-associated mucin antibody; CD 227 antibody; CD227 antibody; DF3 antigen antibody; EMA antibody; Episialin antibody; H23 antigen antibody; H23AG antibody; KL 6 antibody; KL-6 antibody; KL6 antibody; Krebs von den Lungen-6 antibody; MAM 6 antibody; MAM6 antibody; MCD antibody; MCKD antibody; MCKD1 antibody; Medullary cystic kidney disease 1 (autosomal dominant) antibody; Medullary cystic kidney disease; autosomal dominant antibody; MUC 1 antibody; MUC-1 antibody; MUC-1/SEC antibody; MUC-1/X antibody; MUC1 antibody; MUC1-alpha antibody; MUC1-beta antibody; MUC1-CT antibody; MUC1-NT antibody; MUC1/ZD antibody; MUC1_HUMAN antibody; Mucin 1 antibody; Mucin 1 transmembrane antibody; Mucin 1; cell surface associated antibody; Mucin-1 subunit beta antibody; Peanut reactive urinary mucin antibody; Peanut-reactive urinary mucin antibody; PEM antibody; PEMT antibody; Polymorphic epithelial mucin antibody; PUM antibody; Tumor associated epithelial membrane antigen antibody; Tumor associated epithelial mucin antibody; Tumor associated mucin antibody; Tumor-associated epithelial membrane antigen antibody; Tumor-associated mucin antibody; anti-MUC1 antibody

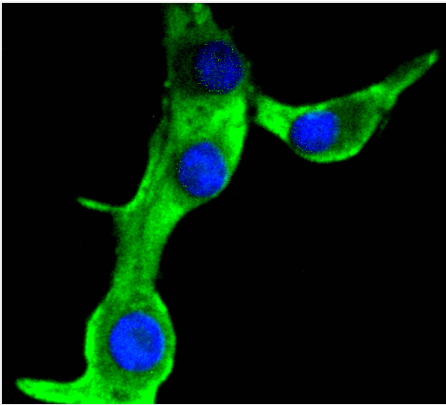
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SN06-80
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MUC1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



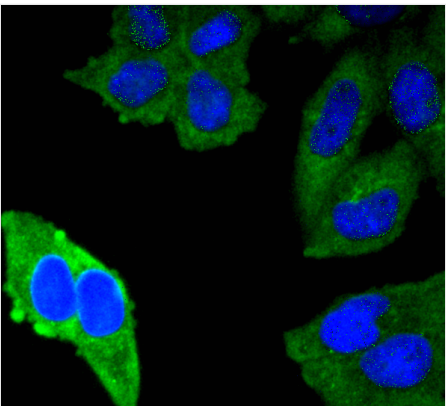
FCM (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells with MUC1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



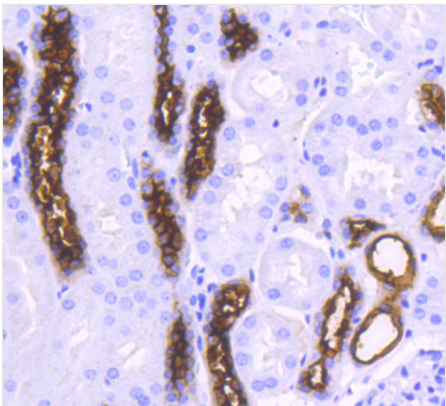
ICC (Immunocytochemistry)

ICC staining MUC1 in B16-F1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



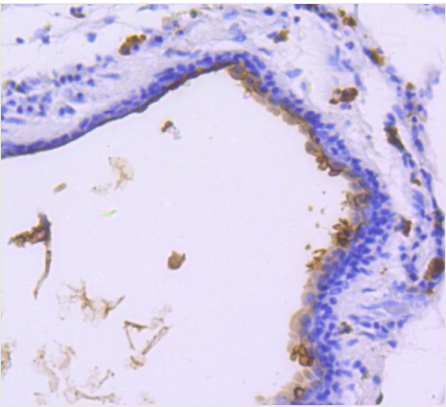
ICC (Immunocytochemistry)

ICC staining MUC1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



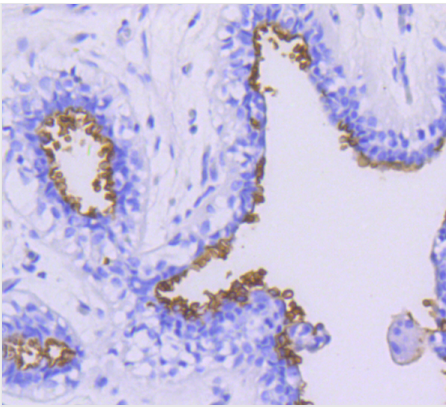
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-MUC1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-MUC1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-MUC1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-MUC1 antibody	The mucins are a family of highly glycosylated, secreted proteins with a basic structure consisting of a variable number of tandem repeats (VNTRs) encoded by 60 base pairs (Mucin 1), 69 base pairs (Mucin 2) and 51 base pairs (Mucin 3). The number of repeats is highly polymorphic and varies among different alleles. Mucin 1 proteins are expressed as type I membrane proteins in addition to secreted forms. Mucin 1 is aberrantly expressed in epithelial tumors including breast carcinomas. Mucin 2 coats the epithelia of the intestines and airways and is associated with colonic tumors. Mucin 3 is a major component of various mucus gels and is broadly expressed in normal and tumor cells.
Product Categories/Family for anti-MUC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	67189007
NCBI GeneID	4582
NCBI Accession #	NP_001018016.1
NCBI GenBank Nucleotide #	NM_001018016.2
UniProt Accession #	P15941; P13931; P15942; P17626; Q0VAP6; Q14128; Q14876; Q16437; Q16442; Q16615; B1AVQ8; B1AVR0
Molecular Weight	122,102 Da
NCBI Official Full Name	mucin-1 isoform 2
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	EMA; PEM; PUM; KL-6; MAM6; PEMT; CD227; H23AG; MUC-1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
NCBI Protein Information	mucin-1; episialin; DF3 antigen; H23 antigen; cancer antigen 15-3; krebs von den Lungen-6; mucin 1, transmembrane; tumor-associated mucin; carcinoma-associated mucin; polymorphic epithelial mucin; peanut-reactive urinary mucin; tumor associated epithelial
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta
UniProt Entry Name	MUC1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/muc1-antibody-clone-sn06-80-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30155>