

Rabbit anti-Human MUC20 Polyclonal Antibody | anti-MUC20 antibody

MUC20 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288268	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MUC20; Polyclonal Antibody; MUC20 Antibody (C-term); Mucin-20; MUC-20; KIAA1359; anti-MUC20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MUC20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 654-684 amino acids from the C-terminal region of human MUC20.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Positions	654-684
Sequence Length	709
Applicable Applications for anti-MUC20 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

MUC20 Antibody (C-term) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



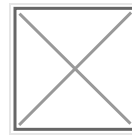
IF (Immunofluorescence)

Confocal immunofluorescent analysis of MUC20 Antibody (C-term) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

MUC20 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MUC20 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

MUC20 Antibody (C-term) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the MUC20 antibody detected the MUC20 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MUC20 antibody	This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The shorter isoform expressed by this gene is localized to the plasma membrane, whereas the longer isoform might be secreted. The C terminus of this protein associates with the multifunctional docking site of the met proto-oncogene and suppresses activation of some downstream met signaling cascades. The protein features a tandem repeat domain that varies between 2 and 6 copies in different individuals. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MUC20 antibody	Signal Transduction
References	Li, G., Am. J. Nephrol. 26 (1), 43-49 (2006) Suzuki, Y., Genome Res. 14 (9), 1711-1718 (2004) Higuchi, T., Mol. Cell. Biol. 24 (17), 7456-7468 (2004) Higuchi, T., J. Biol. Chem. 279 (3), 1968-1979 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	541444092
NCBI GeneID	200958
NCBI Accession #	NP_001269435.1
NCBI GenBank Nucleotide #	NM_001282506.1
UniProt Accession #	Q8N307 ; Q6UX97 ; Q76I83 ; Q76I85 ; Q86ST8 ; Q8NBY6 ; Q96KA1 ; Q9P2I8
Molecular Weight	71982
NCBI Official Full Name	mucin-20 isoform a
NCBI Official Synonym Full Names	mucin 20, cell surface associated
NCBI Official Symbol	MUC20
NCBI Official Synonym Symbols	MUC-20
NCBI Protein Information	mucin-20
UniProt Protein Name	Mucin-20
UniProt Gene Name	MUC20
UniProt Synonym Gene Names	KIAA1359; MUC-20
UniProt Entry Name	MUC20_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/polyclonal/muc20-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/288268>