

Mouse anti-Human MUC6 (Mucin 6 / Gastric Mucin) Monoclonal Antibody | anti-MUC6 antibody

MUC6 (Mucin 6 / Gastric Mucin) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62816	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

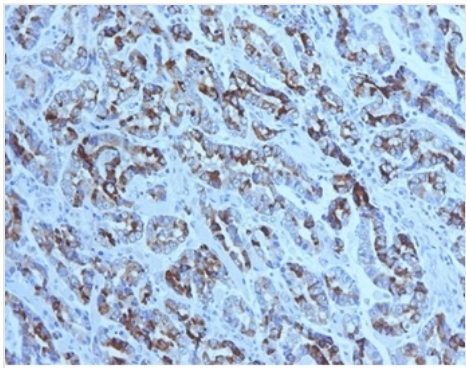
PRODUCT SYNONYMS

MUC6 (Mucin 6 / Gastric Mucin); Monoclonal Antibody; MUC6 (Mucin 6 / Gastric Mucin) Mouse Monoclonal Antibody; Gastric mucin 6; MUC6; MUC6 mucin; Mucin 6 oligomeric mucus/gel forming; Mucin glycoprotein Fragment; Mucin-6; Secretory mucin MUC6; anti-MUC6 antibody

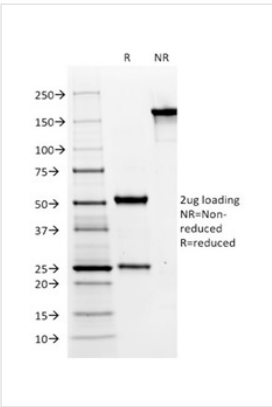
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	CLH5
Specificity	The MUC6 gastric mucin is a secreted glycoprotein that plays an essential role in epithelial cyto-protection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract. Mucin 6 expression is highest in the stomach and gall bladder, with lower expression in the terminal ileum and right colon. In gastric cancer, Mucin 6 has an altered expression. In normal stomach, Mucin 6 is associated with Lewis type 2; Mucin 6 is also expressed in gastric metaplasia, duodenum and pancreas. Mucin 6 is a secretory mucin, located in the deeper mucosal folds of human gall bladder, and its expression is altered with increasing degrees of inflammation.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	2439
Applicable Applications for anti-MUC6 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Secreted
Immunogen	A synthetic peptide of the Gastric Mucin 6 tandem repeat sequence
Positive Control	Human stomach.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

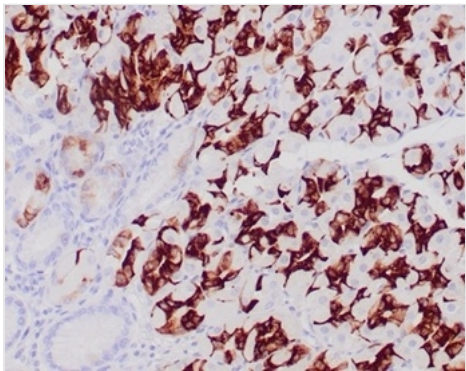
IMAGES



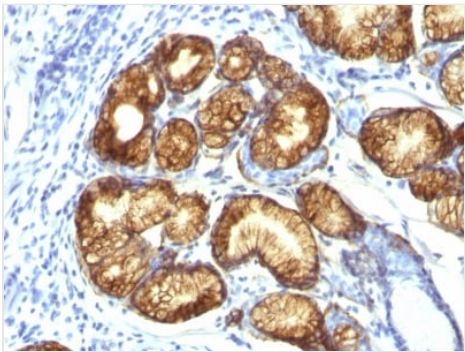
Application Data
Formalin-fixed, paraffin-embedded human gastric carcinoma stained with MUC6 Mouse Monoclonal Antibody (CLH5)



SDS-PAGE
SDS-PAGE Analysis of Purified MUC6 Mouse Monoclonal Antibody (CLH5). Confirmation of Integrity and Purity of Antibody



Application Data
Formalin-fixed, paraffin-embedded human normal stomach. Strong cytoplasmic of glandular cells using MUC6 Mouse Monoclonal Antibody (CLH5). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with MUC6 Monoclonal Antibody (CLH5).

ADDITIONAL INFORMATION

References	Reis C A, David L, Correa P, et al. Intestinal metaplasia of human stomach displays distinct patterns of mucin (MUC1, MUC2, MUC5AC, and MUC6) expression. Cancer Res. 59(5): 1003-1007 (1999)
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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	252kDa
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
UniProt Entry Name	MUC6_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/muc6-mucin-6-gastric-mucin-antibody-clone-clh5-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62816>