

Mouse Mucin-5AC Monoclonal Antibody | anti-MUC5C antibody

Anti-Mucin Gastric Antibody (Monoclonal, 45M1)

CATALOG # AAA44888	HOST Mouse	REACTIVITY Human, Mouse, Rat, Rabbit	APPLICATIONS Immunocytochemistry, Immunohistochemistry, Western Blot
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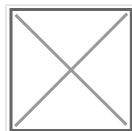
PRODUCT SYNONYMS

Mucin-5AC; Monoclonal Antibody; Anti-Mucin Gastric Antibody (Monoclonal; 45M1); mucin 5AC; oligomeric mucus/gel-forming; anti-MUC5C antibody

PRODUCT SPECIFICATIONS

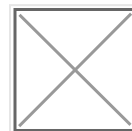
Host	Mouse
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	45M1
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	5762
Applicable Applications for anti-MUC5C antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Mucin from human ovarian cyst fluid.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- Mucin Gastric antibody, AAA44888, IHC(P)IHC(P): Rat Gastric Cancer Tissue



IHC (Immunohistochemistry)

Anti- Mucin Gastric antibody, AAA44888, IHC(P)IHC(P): Human Gastric Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MUC5C antibody	Mucin 5AC (Muc5AC) is a protein that in humans is encoded by the MUC5AC gene. Using real-time RT-PCR, Moehle et al. (2006) found that MUC5AC was highly expressed in adult trachea and stomach. Expression was lower in adult lung and weak in fetal lung, and no expression was detected in other tissues. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease. Moreover, Muc5ac is identified as a direct and critical mediator of resistance during intestinal nematode infection.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308153579
NCBI GeneID	727897
UniProt Accession #	Q9HC84; O00447; O00573; O14985; O15494; O95291; O95451; Q14881; Q7M4S5; Q99552; Q9UE28
Molecular Weight	596,340 Da
NCBI Official Full Name	Mucin-5B
NCBI Official Synonym Full Names	mucin 5B, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5B
NCBI Official Synonym Symbols	MG1; MUC5; MUC9; MUC-5B
NCBI Protein Information	mucin-5B; cervical mucin MUC5B; sublingual gland mucin; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1
UniProt Protein Name	Mucin-5B
UniProt Gene Name	MUC5B
UniProt Synonym Gene Names	MUC5; MUC-5B
UniProt Entry Name	MUC5B_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/mucin-5ac-antibody-clone-45m1-immunocytochemistry-immunohistochemistry-western-blot-elisa/44888>